2025 版

扫一扫！ 了解鸿祥

浙江鸿祥连接器有限公司

Zhejiang Hongxiang Connector Co., Ltd

浙江省乐清市柳市镇象阳工业区深河创业园 A 幢

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4006-818-622

Hoonsun

Eighteen years for only one thing!

电线电缆连接器专业制造商

Always Pursue Fine Quality

4006-818-622

PRODUCT CATALOG 产品选型手册

浙江鸿祥连接器有限公司

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Eighteen years for only one thing!

RoHS REACH IECEx IP68 IATF16949

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Perfect Every

Cable Gland With Innovation

将电缆接头做到创新 / 精进

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Eighteen years for only one thing!

19 YEARS

企业使命 将防水行业做到精进创新！

2006

乐清市鸿祥连接器制造有限公司成立，主要生产防水黄铜电缆密封套

Yueqing Hongxiang Connector Manufacturing Co.,Ltd. mainly produces waterproof brass cable gland

2008

工厂搬迁新厂，车间面积达到 2000 平方

Factory relocated,new workshop area reached 2000m^2

2009

公司引进数控设备和自动计量机，它正在引导公司进行自动化生产技术

Company introduced numerical control equipment and automatic counting machine, which are guiding the company to automated production technology

2010

公司开发了电缆封套新设计，并申请专利，专利号 zl201020530888.7

The company has developed a new design of cable seal, and applied for patent, patent number zl201020530888.7.

2011

本公司荣幸成为辽宁号“航空母舰”专用防水接头供应商，产品高质量被认可走向世界

Our company was honored to be the supplier of special waterproof cable gland for the Aircraft Carrier “Liaoning”, and our high quality of products have been recognized and export to the global

2013

公司专注与研发并推出多种新产品，从事不锈钢 尼龙 黄铜等各种材料。生产转换更多元化解决不同的供应需求

Company focused on research and develop various of new products,stainless steel,nylon,brass and other materials.Diversified production meet different requirements

2016

公司员工扩至 80 人，业务核心走向国际

The company's employees expanded to 80 people, and the core of the business went international

2018

公司二次搬迁，商标升级，获得各个知名认证，整体形象更加鲜明国际化

Company relocated again,new brand,appearance is more bright and international

2021

企业升级，公司名称变更为浙江鸿祥连接器有限公司

The company was upgraded and the company name was changed to Zhejiang Hongxiang Connector Co., Ltd

2023

公司厂房扩增，员工人数增至 120 余人，生产设备提高到 200 多台，并大力拓展其他行业领域，如光伏产业等。

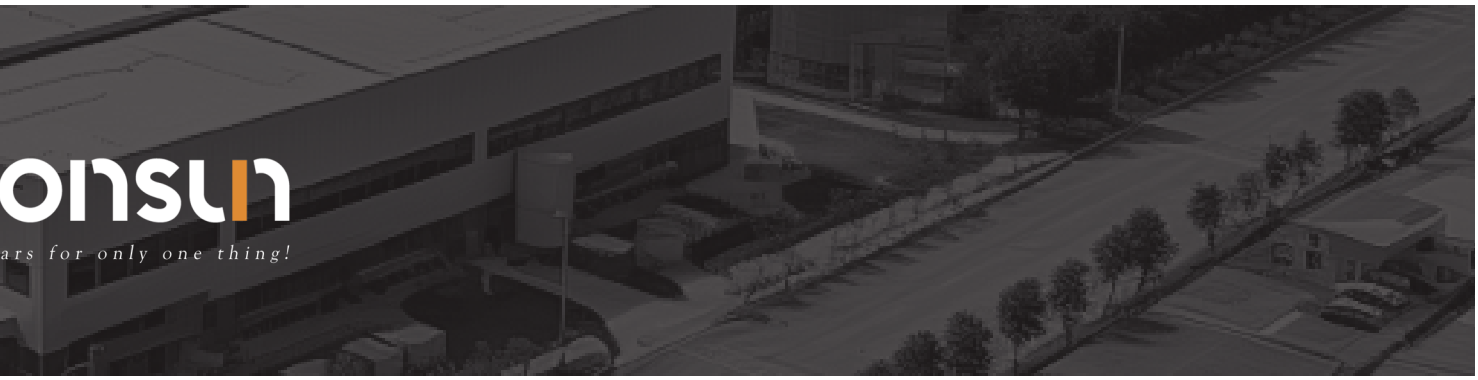
The factory has expanded, with over 120 employees and over 200 production equipment, and has vigorously expanded into other industries such as the photovoltaic industry.

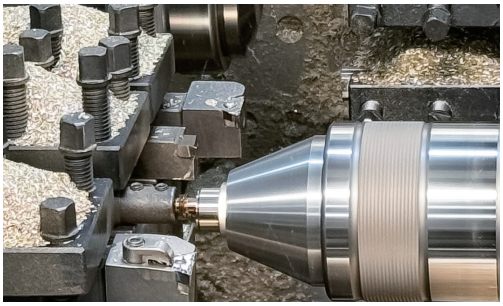
检查中心

Check centre

采用先进的产品检测设备，并严格遵循德国 DIN、VDE 标准和美国 UL 标准的检测流程，严格符合欧洲最新 EN 标准和 ATEX 标准。

Advanced product testing equipment is adopted, and the German DIN and VDE standards are strictly followed and the testing process of UL standards in the United States, which strictly comply with the latest EN standards in Europe and ATEX standards。





管理体系
Management system

公司严格遵守国内外严苛的质量管理体系，坚持以“客户为主，客户是衣食父母，及时为客户解决问题；追求品质，乐观积极，遇到困难和挫折，不放弃，不断自我激励”为理念。以“将电缆接头行业做到精益求精”为使命。

The company strictly abides by the strict quality management system at home and abroad, adheres to the principle of "customer-oriented, customers are the parents of food and clothing, and solve problems for customers in a timely manner; Pursue quality, be optimistic and positive, encounter difficulties and setbacks, do not With the mission of “strive for excellence in the cable connector industry."

产品定制
Check centre

先进进口的精密刀具设计制作能力，再配合鸿祥强大的产品创新研发能力，可为客户专业深度定制精密金属产品，品质值得您去信赖。

The advanced imported precision tool design and production capabilities, coupled with Hongxiang's strong product innovation and research and development capabilities, can provide customers with in-depth customization of precision metal products, and the quality is trustworthy.

PRODUCT CATALOG
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BW Cable Gland

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圆形连接器系列 —— 173-182
Quick Waterproof Connectors

金属电缆接头
Metal Cable Gland

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M

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66 (Nylon)，UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C

Sealing Nut 迫紧螺帽

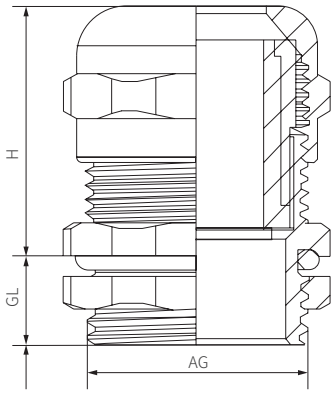
Claw 夹紧爪

Seal 密封件

Body 主体

O-ring O型圈

Lock Nut 螺母



专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M10×1.0	3-6.5	6.5	10.0	17	14	HX-NP.M10
M12×1.5	2-5	6.5	12.0	17	14	HX-NP.M12-(5)
	3-6.5	6.5	12.0	17	14	HX-NP.M12
	4-8	8	12.0	18	17/14	HX-NP.M12-8
M14×1.5	3-6	8	14.0	18	17	HX-NP.M14-(6)
	4-8	8	14.0	18	17	HX-NP.M14
	5-10	8	14.0	19	20/17	HX-NP.M14-10
M16×1.5	3-6	8	16.0	19	18	HX-NP.M16-(6)
	4-8	8	16.0	19	18	HX-NP.M16
	5-10	8	16.0	19	20/18	HX-NP.M16-10
M18×1.5	4-8	8	18.0	20	20	HX-NP.M18-(8)
	5-10	8	18.0	20	20	HX-NP.M18
	6-12	8	18.0	21	20	HX-NP.M18-12
M20×1.5	5-10	8	20.0	21	22	HX-NP.M20-(10)
	6-12	8	20.0	21	22	HX-NP.M20
	10-14	8	20.0	22	24/22	HX-NP.M20-14
	12-16	8	20.0	25	27/22	HX-NP.M20-16
M22×1.5	4-8	8	22.0	22	24	HX-NP.M22-(8)
	8-12	8	22.0	22	24	HX-NP.M22-(12)
	10-14	8	22.0	22	24	HX-NP.M22
	12-16	8	22.0	25	27/24	HX-NP.M22-16
M24×1.5	8-12	9	24.0	22	24/27	HX-NP.M24-(12)
	10-14	9	24.0	22	24/27	HX-NP.M24
	12-16	9	24.0	22	27	HX-NP.M24-16
M25×1.5	10-14	9	25.0	22	24/27	HX-NP.M25-14
	12-16	9	25.0	25	27	HX-NP.M25-16
	13-18	9	25.0	27	30/27	HX-NP.M25-18
	15-22	9	25.0	29	35/27	HX-NP.M25-22
M27×1.5	12-16	9	27.0	27	30	HX-NP.M27-(16)
	13-18	9	27.0	27	30	HX-NP.M27
M28×1.5	13-18	9	28.0	27	30	HX-NP.M28
M30×1.5	13-18	9	30.0	27	30/32	HX-NP.M30
	15-22	9	30.0	29	35/32	HX-NP.M30-22

金属电缆接头
Metal Cable Gland

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M32×1.5	13-18	10	32.0	29	35	HX-NP.M32-(18)
	14-20	10	32.0	29	35	HX-NP.M32-(20)
	15-22	10	32.0	29	35	HX-NP.M32
	18-25	10	32.0	31	40/35	HX-NP.M32-25
M33×1.5	15-22	10	33.0	29	35/36	HX-NP.M33
M36×1.5	18-25	10	36.0	31	40	HX-NP.M36
M37×1.5	18-25	10	37.0	31	40	HX-NP.M37
M40×1.5	18-25	11	40.0	31	40/45	HX-NP.M40-25
	22-30	11	40.0	35	45	HX-NP.M40-30
	25-33	11	40.0	37	50/45	HX-NP.M40-33
M42×1.5	22-30	11	42.0	35	45	HX-NP.M42
M47×1.5	18-25	11	47.0	37	50	HX-NP.M47-(25)
	22-30	11	47.0	37	50	HX-NP.M47-(30)
	25-33	11	47.0	37	50	HX-NP.M47
M48×1.5	25-33	11	48.0	37	50/52	HX-NP.M48
M50×1.5	30-35	13	50.0	37	57/55	HX-NP.M50-(35)
	32-38	13	50.0	37	57/55	HX-NP.M50
	37-44	13	50.0	38	64/55	HX-NP.M50-44
M54×1.5	32-38	13	54.0	37	57	HX-NP.M54
M60×1.5	37-44	14	60.0	38	64	HX-NP.M60
M63×1.5	30-35	14	63.0	38	64/68	HX-NP.M63-(35)
	37-44	14	63.0	38	64/68	HX-NP.M63
	42-52	14	63.0	44	78/68	HX-NP.M63-52
M64×2.0	37-44	14	64.0	38	64/68	HX-NP.M64
M70×2.0	42-52	16	70.0	44	78	HX-NP.M70
M72×2.0	42-52	16	72.0	44	78	HX-NP.M72
	48-58	16	72.0	44	78	HX-NP.M72-58
	55-62	16	72.0	45	88/78	HX-NP.M72-62
M75×2.0	42-52	16	75.0	44	78/80	HX-NP.M75
	48-58	16	75.0	44	78/80	HX-NP.M75-58
M80×2.0	55-62	18	80.0	45	88	HX-NP.M80
M88×2.0	65-70	18	88.0	45	94	HX-NP.M88
M90×2.0	65-70	18	90.0	45	94	HX-NP.M90
M100×2.0	78-84	20	100.0	53	110	HX-NP.M100
M110×2.0	82-88	20	110.0	53	120	HX-NP.M110
M120×2.0	88-95	20	120.0	53	130	HX-NP.M120

注：螺纹规格可定制 /Thread specifications can be customized

金属电缆接头
Metal Cable Gland

PG/G / NPT

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66 (Nylon)，UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C

Sealing Nut 迫紧螺帽

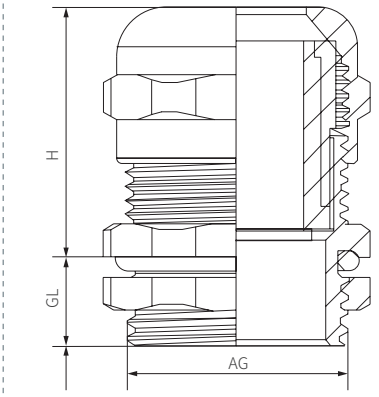
Claw 夹紧爪

Seal 密封件

Body 主体

O-ring O型圈

Lock Nut 螺母



专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
PG7	2-5	6.5	12.5	17	14/15	HX-NP.PG7-(5)
	3-6.5	6.5	12.5	17	14/15	HX-NP.PG7
	4-8	8	12.5	19	17/15	HX-NP.PG7-8
PG9	3-6	8	15.2	19	17/18	HX-NP.PG9-(6)
	4-8	8	15.2	19	17/18	HX-NP.PG9
	5-10	8	15.2	21	20/18	HX-NP.PG9-10
PG11	4-8	8	18.6	21	20/21	HX-NP.PG11-(8)
	5-10	8	18.6	21	20/21	HX-NP.PG11
	6-12	8	18.6	22	22/21	HX-NP.PG11-12
PG13.5	5-10	8	20.4	22	22/23	HX-NP.PG13.5-(10)
	6-12	8	20.4	22	22/23	HX-NP.PG13.5
	10-14	8	20.4	23	24/23	HX-NP.PG13.5-14
PG16	6-12	8	22.5	23	24/25	HX-NP.PG16-(12)
	10-14	8	22.5	23	24/25	HX-NP.PG16
	12-16	8	22.5	27	27/25	HX-NP.PG16-16
PG19	10-14	9	25.0	25	24/27	HX-NP.PG19
	12-16	9	25.0	25	27	HX-NP.PG19-16
PG21	4-8	9	28.3	27	30	HX-NP.PG21-(8)
	12-16	9	28.3	27	30	HX-NP.PG21-(16)
	13-18	9	28.3	27	30	HX-NP.PG21
	15-22	9	28.3	29	35/30	HX-NP.PG21-22
PG25	15-22	10	32.0	29	35	HX-NP.PG25
PG29	15-22	10	37.0	31	40	HX-NP.PG29-(22)
	18-25	10	37.0	31	40	HX-NP.PG29
	22-30	10	37.0	35	50/45	HX-NP.PG29-30
PG36	18-25	11	47.0	37	50	HX-NP.PG36-(25)
	25-33	11	47.0	37	50	HX-NP.PG36
	32-38	11	47.0	37	57/50	HX-NP.PG36-38
PG42	30-35	13	54.0	37	57	HX-NP.PG42-(35)
	32-38	13	54.0	37	57	HX-NP.PG42
PG48	37-44	14	59.3	38	64	HX-NP.PG48
	42-52	14	59.3	38	78/64	HX-NP.PG48-52

金属电缆接头
Metal Cable Gland

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
G1/4	3-6.5	6.5	13.1	13.5	14/15	HX-NP.G1/4
G3/8	4-8	8	16.6	17	18/19	HX-NP.G3/8
G1/2	6-12	8	20.9	22	22/23	HX-NP.G1/2
G3/4	13-18	9	26.4	25	30	HX-NP.G3/4
G1	18-25	10	33.2	29	40	HX-NP.G1
G1-1/4	25-33	11	41.9	35	50	HX-NP.G1-1/4
G1-1/2	32-38	12	47.8	37	57/55	HX-NP.G1-1/2
G2	37-44	14	59.6	38	64	HX-NP.G2
G2-1/2	42-52	16	75.1	42	78/80	HX-NP.G2-1/2
G3	65-70	18	87.8	45	94	HX-NP.G3
G4	88-95	20	113.0	53	130	HX-NP.G4
NPT1/4	3-6.5	6.5	13.6	13.5	14/15	HX-NP.NPT1/4
NPT3/8	4-8	8	17.0	17	18/19	HX-NP.NPT3/8
NPT1/2	6-12	8	21.2	22	22	HX-NP.NPT1/2
NPT3/4	13-18	9	26.5	25	30	HX-NP.NPT3/4
NPT1	18-25	10	33.2	29	40	HX-NP.NPT1
NPT1-1/4	25-33	11	41.9	35	50	HX-NP.NPT1-1/4
NPT1-1/2	32-38	12	48.0	37	57	HX-NP.NPT1-1/2
NPT2	37-44	14	60.0	38	64	HX-NP.NPT2
NPT2-1/2	42-52	16	72.6	42	78	HX-NP.NPT2-1/2

注 : NPT 型号 标配不带螺母，可选配 /NPT models come standard without nuts and are optional
范围大小可定制 /Range size can be customized

金属加长型电缆接头

Metal Cable Gland- Length Type

Hoonsun

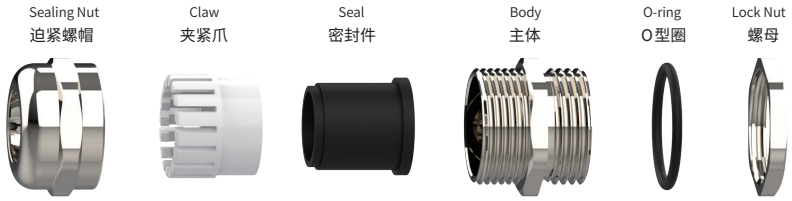
Eighteen years for only one thing!

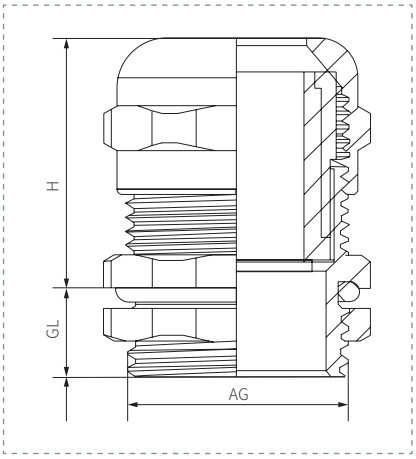
M / PG

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C





专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	10	12	17	14	HX-NP.M12 L10
M16×1.5	4-8	12	16	19	18	HX-NP.M16 L12
M18×1.5	5-10	12	18	21	20	HX-NP.M18 L12
M20×1.5	6-12	12	20	22	22	HX-NP.M20 L12
M22×1.5	10-14	12	22	23	24	HX-NP.M22 L12
M25×1.5	10-14	12	25	25	24/27	HX-NP.M25-14 L12
M25×1.5	13-18	12	25	27	30/27	HX-NP.M25-18 L12
M32×1.5	15-22	15	32	29	35	HX-NP.M32 L15
M40×1.5	18-25	15	40	31	40/45	HX-NP.M40-25 L15
M40×1.5	22-30	15	40	35	45	HX-NP.M40-30 L15
M50×1.5	32-38	15	50	37	57/55	HX-NP.M50 L15
M63×1.5	37-44	18	63	38	64/68	HX-NP.M63 L18
PG7	3-6.5	10	12.5	17	14/15	HX-NP.PG7 L10
PG9	4-8	12	15.2	19	17/18	HX-NP.PG9 L12
PG11	5-10	12	18.6	21	20/21	HX-NP.PG11 L12
PG13.5	6-12	12	20.4	22	22/23	HX-NP.PG13.5 L12
PG16	10-14	12	22.5	23	24/25	HX-NP.PG16 L12
PG21	13-18	12	28.3	27	30	HX-NP.PG21 L12
PG29	18-25	15	37.0	31	40	HX-NP.PG29 L15
PG36	25-33	15	47.0	37	50	HX-NP.PG36 L15
PG42	32-38	15	54.0	37	57	HX-NP.PG42 L15
PG48	37-44	18	59.3	38	64	HX-NP.PG48 L18

其他型号请参考 1-4 页
For other models, please refer to pages 1-4

金属加强型电缆接头
Metal Cable Gland-Strengthened Type

Hoonsun
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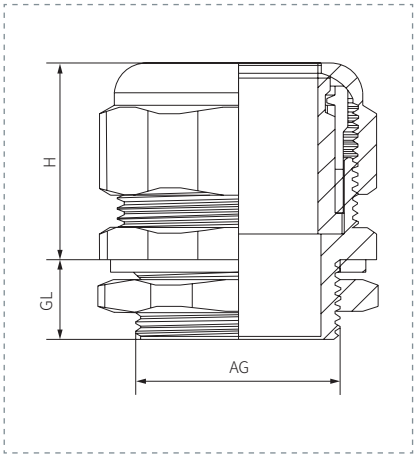
M / PG

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



Sealing Nut 迫紧螺帽 | Claw 夹紧爪 | Seal 密封件 | Body 主体 | O-ring O型圈 | Lock Nut 螺母

专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	4-8	8	12	18.5	18	HX-MG.MG12
M16×1.5	5-10	9	16	21.5	22	HX-MG.MG16
M20×1.5	10-14	9.5	20	25.5	27	HX-MG.MG20
M25×1.5	13-18	11	25	28	30	HX-MG.MG25
M32×1.5	18-25	12.5	32	33	40	HX-MG.MG32
M40×1.5	25-32	15	40	35	50	HX-MG.MG40
M50×1.5	32-42	15	50	40	59	HX-MG.MG50
M63×1.5	35-45	17	63	45	67	HX-MG.MG63
PG7	4-8	8	12.5	18.5	18	HX-MG.MPG7
PG9	5-10	9	15.2	21.5	22	HX-MG.MPG9
PG11	6-12	9	18.6	24.0	24	HX-MG.MPG11
PG13.5	10-14	9.5	20.4	25.5	27	HX-MG.MPG13.5
PG16	12-16	9.5	22.5	27.0	27	HX-MG.MPG16
PG21	13-18	11	28.3	28.0	30	HX-MG.MPG21
PG29	18-25	12.5	37.0	33.0	40	HX-MG.MPG29
PG36	25-32	15	47.0	35.0	50	HX-MG.MPG36
PG42	32-42	15	54.0	40.0	59	HX-MG.MPG42
PG48	35-45	17	59.3	45.0	67	HX-MG.MPG48

金属直通型电缆接头
Metal Cable Gland-Direct Type

Hoonsun
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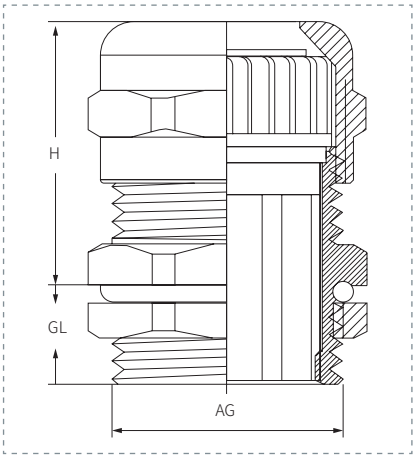
M / PG

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



Sealing Nut 迫紧螺帽 | Claw 密封件 | Seal 夹紧爪 | Body 主体 | O-ring O型圈 | Lock Nut 螺母

专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	6.5	12	17	14	HX-NT.M12
M16×1.5	4-8	8	16	19	18	HX-NT.M16
M18×1.5	5-10	8	18	21	20	HX-NT.M18
M20×1.5	6-12	8	20	22	22	HX-NT.M20
M22×1.5	10-14	8	22	23	24	HX-NT.M22
M25×1.5	10-14	9	25	25	24/27	HX-NT.M25-14
M25×1.5	13-18	9	25	27	30/27	HX-NT.M25-18
M27×1.5	13-18	9	27	27	30	HX-NT.M27
M32×1.5	15-22	10	32	29	35	HX-NT.M32
M36×1.5	18-25	10	36	31	40	HX-NT.M36
M40×1.5	18-25	10	40	31	40/45	HX-NT.M40-25
M40×1.5	22-30	10	40	35	45	HX-NT.M40-30
M48×1.5	25-33	10	48	37	50/52	HX-NT.M48
M50×1.5	32-38	10	50	37	57/55	HX-NT.M50
M63×1.5	37-44	10	63	38	64/68	HX-NT.M63
PG7	3-6.5	6.5	12.5	17	14/15	HX-NT.PG7
PG9	4-8	8	15.2	19	17/18	HX-NT.PG9
PG11	5-10	8	18.6	21	20/21	HX-NT.PG11
PG13.5	6-12	8	20.4	22	22/23	HX-NT.PG13.5
PG16	10-14	8	22.5	23	24/25	HX-NT.PG16
PG21	13-18	9	28.3	27	30	HX-NT.PG21
PG29	18-25	10	37.0	31	40	HX-NT.PG29
PG36	25-33	10	47.0	37	50	HX-NT.PG36
PG42	32-38	10	54.0	37	57	HX-NT.PG42
PG48	37-44	10	59.3	38	64	HX-NT.PG48

可选择 G / NPT 螺纹定制
Customizable G/NPT thread

金属耐高温电缆接头

Metal Cable Gland-High Temperature Resistance Type

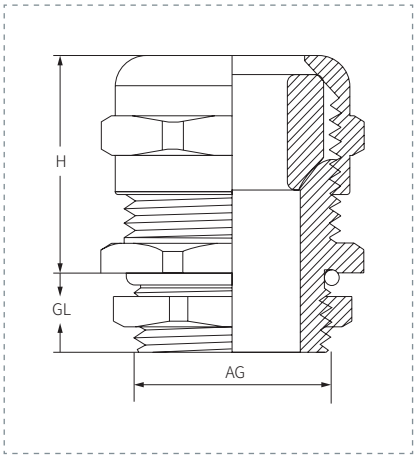
Hoonsun

Eighteen years for only one thing!

M / PG / G / NPT　　CE ROHS IP68 REACH

材质：镀镍黄铜
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态:-60°C到 250°C

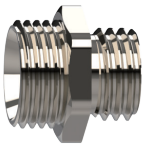
Material：Nickel-plated brass
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state:-60 to 250°C



Sealing Nut 迫紧螺帽

Seal 密封件

Body 主体



O-ring O型圈

Lock Nut 螺母

专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	扳手径 Spanner size	产品编号 Code
M12×1.5	4-6.5	7	12	16/14	HX-NG.M12S
M12×1.5	5-8	7	12	16/14	HX-NG.M12S-8
M14×1.5	5-8	7	14	18/17	HX-NG.M14S
M16×1.5	6-9	8	16	20/18	HX-NG.M16S
M18×1.5	8-12	8	18	22/20	HX-NG.M18S
M20×1.5	8-12	8	20	24/22	HX-NG.M20S
PG7	4-6.5	7	12.5	16/15	HX-NG.PG7S
PG9	5-8	7	15.2	18/18	HX-NG.PG9S
PG11	6-9	8	18.5	22/21	HX-NG.PG11S
PG13.5	8-12	8	20.4	24/23	HX-NG.PG13.5S

金属耐高温电缆接头

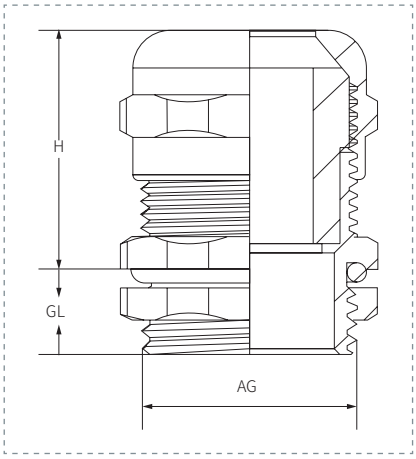
Metal Cable Gland-High Temperature Resistance Type

M

CE ROHS IP68 REACH

材质：镀镍黄铜
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态:-60°C到 250°C

Material：Nickel-plated brass
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state:-60 to 250°C



Sealing Nut 迫紧螺帽

Seal 密封件

Body 主体

O-ring O型圈

Lock Nut 螺母

专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M8×1	2-5	5	8.0	13.5	12	HX-NGS.M8-5
M10×1.0	3-6.5	6.5	10.0	17	14	HX-NGS.M10-6.5
M12×1.5	3-6.5	6.5	12.0	17	14	HX-NGS.M12-6.5
M14×1.5	4-8	8	14.0	18	17	HX-NGS.M14-8
M16×1.5	4-8	8	16.0	19	18	HX-NGS.M16-8
M18×1.5	5-10	8	18.0	20	20	HX-NGS.M18-10
M20×1.5	8-12	8	20.0	21	22	HX-NGS.M20-12
M22×1.5	10-14	8	22.0	22	24	HX-NGS.M22-14
M24×1.5	10-14	9	24.0	22	24/27	HX-NGS.M24-14
M25×1.5	10-14	9	25.0	22	24/27	HX-NGS.M25-14
	12-16	9	25.0	25	27	HX-NGS.M25-16
	13-18	9	25.0	27	30/27	HX-NGS.M25-18
M27×1.5	13-18	9	27.0	27	30	HX-NGS.M27-18
M32×1.5	15-22	10	32.0	29	35	HX-NGS.M32-22
M36×1.5	18-25	10	36.0	31	40	HX-NGS.M36-25
M40×1.5	18-25	11	40.0	31	40/45	HX-NGS.M40-25
	22-30	11	40.0	35	45	HX-NGS.M40-30
M48×1.5	25-33	11	48.0	37	50/52	HX-NGS.M48-33
M50×1.5	32-38	13	50.0	37	57/55	HX-NGS.M50-38
M63×1.5	37-44	14	63.0	38	64/68	HX-NGS.M63-44

金属耐高温电缆接头

Metal Cable Gland-High Temperature Resistance Type

Hoonsun

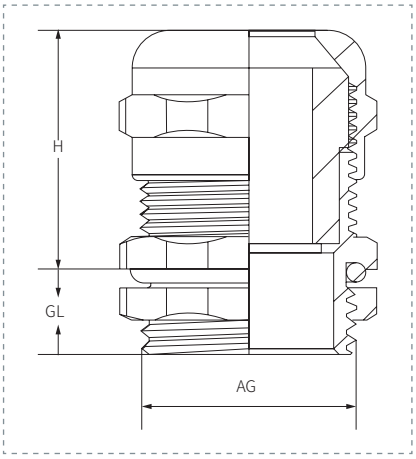
Eighteen years for only one thing!

PG

CE ROHS IP68 REACH

材质：镀镍黄铜
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态:-60°C到 250°C

Material：Nickel-plated brass
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state:-60 to 250°C



Sealing Nut
迫紧螺帽

Seal
密封件

Body
主体

O-ring
O型圈

Lock Nut
螺母

专利产品
patented product

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
PG7	3-6.5	6.5	12.5	17	14/15	HX-NGS.PG7-6.5
PG9	4-8	8	15.2	19	17/18	HX-NGS.PG9-8
PG11	5-10	8	18.6	21	20/21	HX-NGS.PG11-10
PG13.5	8-12	8	20.4	22	22/23	HX-NGS.PG13.5-12
PG16	10-14	8	22.5	23	24/25	HX-NGS.PG16-14
PG19	10-14	9	25.0	25	24/27	HX-NGS.PG19-14
PG21	13-18	9	28.3	27	30	HX-NGS.PG21-18
PG25	15-22	10	32.0	29	35	HX-NGS.PG25-22
PG29	18-25	10	37.0	31	40	HX-NGS.PG29-25
PG36	25-33	11	47.0	37	50	HX-NGS.PG36-33
PG42	32-38	13	54.0	37	57	HX-NGS.PG42-38
PG48	37-44	14	59.3	38	64	HX-NGS.PG48-44

金属耐高温电缆接头

Metal Cable Gland-High Temperature Resistance Type

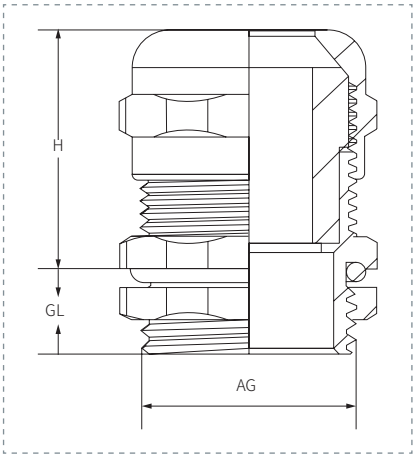
Hoonsun
Eighteen years for only one thing!

G / NPT

CE ROHS IP68 REACH

材质：镀镍黄铜
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态:-60°C到 250°C

Material：Nickel-plated brass
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state:-60 to 250°C



Sealing Nut 迫紧螺帽

Seal 密封件

Body 主体

O-ring O型圈

Lock Nut 螺母

专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
G1/4	3-6.5	6.5	13.1	13.5	14/15	HX-NGS.G1/4-6.5
G3/8	4-8	8	16.6	17	18/19	HX-NGS.G3/8-8
G1/2	8-12	8	20.9	22	22/23	HX-NGS.G1/2-12
G3/4	13-18	9	26.4	25	30	HX-NGS.G3/4-18
G1	18-25	10	33.2	29	40	HX-NGS.G1-25
G1-1/4	25-33	11	41.9	35	50	HX-NGS.G1-1/4-33
G1-1/2	32-38	12	47.8	37	57/55	HX-NGS.G1-1/2-38
G2	37-44	14	59.6	38	64	HX-NGS.G2-44
NPT1/4	3-6.5	6.5	13.6	13.5	14/15	HX-NGS.NPT1/4-6.5
NPT3/8	4-8	8	17.0	17	18/19	HX-NGS.NPT3/8-8
NPT1/2	8-12	8	21.2	22	22	HX-NGS.NPT1/2-12
NPT3/4	13-18	9	26.5	25	30	HX-NGS.NPT3/4-18
NPT1	18-25	10	33.2	29	40	HX-NGS.NPT1-25
NPT1-1/4	25-33	11	41.9	35	50	HX-NGS.NPT1-1/4-33
NPT1-1/2	32-38	12	48.0	37	57	HX-NGS.NPT1-1/2-38
NPT2	37-44	14	60.0	38	64	HX-NGS.NPT2-44

注：NPT 型号 标配不带螺母，可选配 /NPT models come standard without nuts and are optional
范围大小可定制 /Range size can be customized

金属屏蔽型电缆接头

Metal Cable Gland-EMC-W Type

Hoonsun

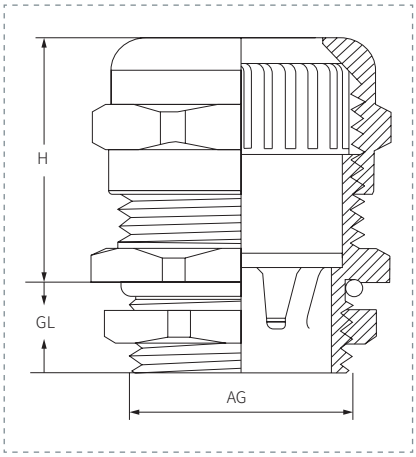
Eighteen years for only one thing!

M / PG / G / NPT

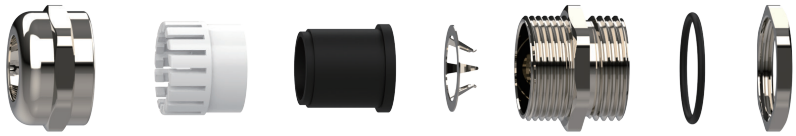
CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



Sealing Nut 迫紧螺帽 | Claw 夹紧爪 | Seal 密封件 | EMC Washer 防磁片 | Body 主体 | O-ring O型圈 | Lock Nut 螺母



专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	6.5	19	14	HX-EMC.M12
M16×1.5	4-8	8	20	18	HX-EMC.M16
	5-10	8	21	20/18	HX-EMC.M16-10
M18×1.5	5-10	8	21	20	HX-EMC.M18
M20×1.5	6-12	8	22	22	HX-EMC.M20
	10-14	8	23	24/22	HX-EMC.M20-14
M22×1.5	10-14	8	23	24	HX-EMC.M22
M25×1.5	10-14	9	25	24/27	HX-EMC.M25-14
	12-16	9	27	27	HX-EMC.M25-16
	13-18	9	27	30/27	HX-EMC.M25-18
M32×1.5	15-22	10	29	35	HX-EMC.M32
	18-25	10	31	40/35	HX-EMC.M32-25
M40×1.5	18-25	11	31	40/45	HX-EMC.M40-25
	22-30	11	35	45	HX-EMC.M40-30
	25-33	11	37	50/45	HX-EMC.M40-33
M50×1.5	32-38	13	37	57/55	HX-EMC.M50
M63×1.5	37-44	14	38	64/68	HX-EMC.M63
	42-52	14	38	78/68	HX-EMC.M63-52
M72×2	42-52	16	42	78	HX-EMC.M72
M80×2	55-62	18	45	88	HX-EMC.M80
M88×2	65-70	18	45	94	HX-EMC.M88
M100×2	78-84	20	53	110	HX-EMC.M100

可选择 PG / G / NPT 螺纹 PG/G/NPTthreads are available
其他型号范围可来电咨询 Other model ranges can be inquired

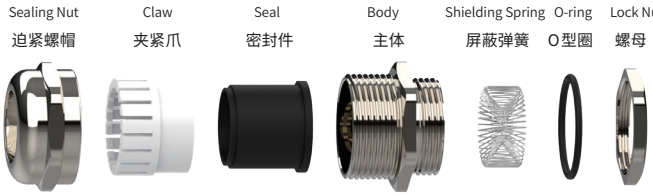
金属屏蔽型电缆接头 -T 型

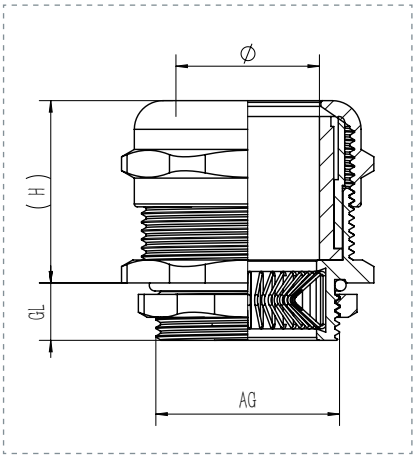
Metal Cable Gland-EMC-T Type

M / PG / G / NPT　　CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C
应用特点：适用于对线缆密封，抗拉有特别要求的场合

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C
Application features: It is suitable for occasions where there are special requirements for cable sealing and tensile resistance





专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	6.5	21	14	HX-EMC.M12-6.5-T
	4-8	8	21	17/14	HX-EMC.M12-8-T
M16×1.5	4-8	8	25	18	HX-EMC.M16-8-T
	5-10	8	25	20/18	HX-EMC.M16-10-T
M18×1.5	5-10	8	25	20	HX-EMC.M18-10-T
M20×1.5	6-12	8	29	22	HX-EMC.M20-12-T
	10-14	8	29	24/22	HX-EMC.M20-14-T
M22×1.5	10-14	8	29	24	HX-EMC.M22-14-T
M25×1.5	10-14	9	30	24/27	HX-EMC.M25-14-T
	12-16	9	30	27	HX-EMC.M25-16-T
	13-18	9	30	30/27	HX-EMC.M25-18-T
M32×1.5	15-22	10	32	35	HX-EMC.M32-22-T
	18-25	10	32	40/35	HX-EMC.M32-25-T
M40×1.5	18-25	11	35	40/45	HX-EMC.M40-25-T
	22-30	11	35	45	HX-EMC.M40-30-T
	25-33	11	35	50/45	HX-EMC.M40-33-T
M50×1.5	32-38	13	39	57/55	HX-EMC.M50-38-T
M63×1.5	37-44	14	40	64/68	HX-EMC.M63-44-T
	42-52	14	40	78/68	HX-EMC.M63-52-T

金属管接式电缆接头
Metal Tubular Cable Glands

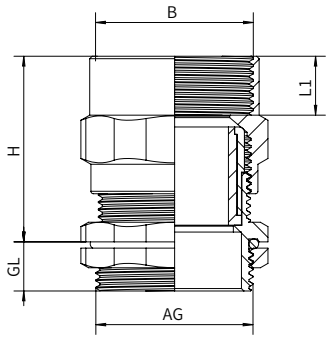
Hoonsun
Eighteen years for only one thing!

M / PG / G

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



Sealing Nut 迫紧螺帽

Claw 夹紧爪

Seal 密封件

Body 主体

O-ring O型圈

Lock Nut 螺母

专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	内螺纹 B Female thread	内螺纹深度 L1 Female thread depth	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	6.5	M12×1.5	8	12.0	25	14	HX-NY.M12-6.5-M12
M16×1.5	4-8	8	M16×1.5	10	16.0	28	18	HX-NY.M16-8-M16
M20×1.5	6-12	8	M20×1.5	10	20.0	30	22	HX-NY.M20-12-M20
M25×1.5	12-16	9	M25×1.5	10	25.0	34	27	HX-NY.M25-16-M25
M32×1.5	15-22	10	M32×1.5	12	32.0	40	35	HX-NY.M32-22-M32
M40×1.5	22-30	11	M40×1.5	12	40.0	46	45	HX-NY.M40-30-M40
M50×1.5	32-38	13	M50×1.5	15	50.0	48	57/55	HX-NY.M50-38-M50
M63×1.5	37-44	14	M63×1.5	15	63.0	49	64	HX-NY.M63-44-M63
G1/2	6-12	8	G1/2	10	20.0	30	24/22	HX-NY.G1/2-12-G1/2
G3/4	13-18	9	G3/4	10	25.0	35	30	HX-NY.G3/4-18-G3/4
G1	15-22	10	G1	12	32.0	40	36	HX-NY.G1-22-G1
G1-1/4	22-30	11	G1-1/4	12	40.0	46	45	HX-NY.G1-1/4-30-G1-1/4
G1-1/2	32-38	13	G1-1/2	15	50.0	48	57/55	HX-NY.G1-1/2-38-G1-1/2
G2	37-44	14	G2	15	63.0	49	68/64	HX-NY.G2-44-G2

外接管螺纹尺寸支持定制 M/PG/G/NPT
Male thread sizes support custom M/PG/G/NPT

金属多孔型电缆接头
Metal Cable Gland-Multihole Type

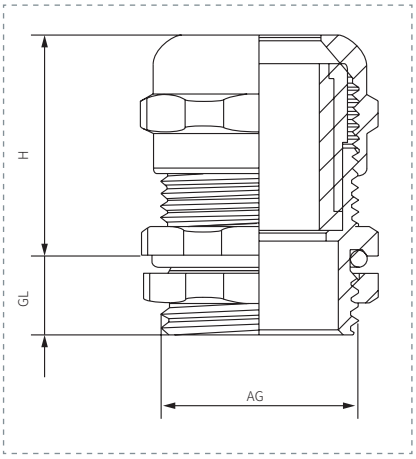
Hoonsun
Eighteen years for only one thing!

M

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



Sealing Nut 迫紧螺帽

Claw 夹紧爪

Seal 密封件

Body 主体

O-ring O型圈

Lock Nut 螺母

专利产品
patented product

规格参数 单位：mm

规格 Item	F ◎	M2 ◎	M3 ◎	M4 ◎	M5 ◎	M6 ◎	M7 ◎	M8 ◎	产品编号 Code
M12×1.5	/	2.5	/	/	/	/	/	/	HX-ND.M12/*
M16×1.5	/	2.5	/	/	/	/	/	/	HX-ND.M16/*
M18×1.5	/	3	/	2.5	/	/	/	/	HX-ND.M18/*
M20×1.5	5*12	5	/	/	/	/	2.5	/	HX-ND.M20/*
M22×1.5	/	6	3	2.5	/	/	3.4	/	HX-ND.M22/*
M25×1.5	/	/	/	/	/	/	/	/	HX-ND.M25/*
M27×1.5	/	/	/	5	/	/	/	/	HX-ND.M27/*
M32×1.5	7*19	8	8	7.5	/	/	/	/	HX-ND.M32/*
M37×1.5	/	9.5	9.5	/	/	/	7.5	/	HX-ND.M37/*
M40×1.5	8*23	/	/	/	/	/	/	/	HX-ND.M40/*
M47×1.5	/	/	13.3	/	/	/	/	/	HX-ND.M47/*
M50×1.5	/	/	/	/	/	/	/	10	HX-ND.M50/*
M63×1.5	/	/	18	/	/	/	/	/	HX-ND.M63/*

可定制多孔，欢迎来电咨询
Can be customized porous, welcome to inquire

不锈钢电缆接头
Stainless Steel Cable Gland

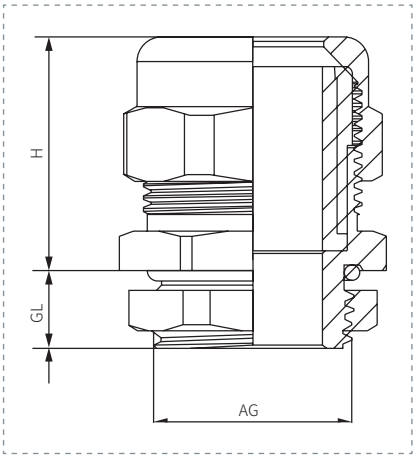
Hoonsun
Eighteen years for only one thing!

M

CE ROHS IP68

材质：不锈钢 304/316L
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：SS304/SS316L
Claw：PA66 (Nylon)，UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M8×1	2-5	6	8	14	12	HX-SS.M8
M10×1	2-5	7	10	17	14	HX-SS.M10-5
	3-6.5	7	10	17	14	HX-SS.M10
M12×1.5	3-6.5	7	12	17	14/15	HX-SS.M12
	4-8	8	12	17	18/15	HX-SS.M12-8
M14×1.5	4-8	8	14	19	18	HX-SS.M14
M16×1.5	4-8	8	16	19	18	HX-SS.M16
	5-10	8	16	19	20/18	HX-SS.M16-10
M18×1.5	5-10	8	18	19	20	HX-SS.M18
M20×1.5	6-12	8	20	20	22	HX-SS.M20
	10-14	8	20	20	24/22	HX-SS.M20-14
M22×1.5	10-14	8	22	20	24	HX-SS.M22
M25×1.5	10-14	9	25	22	24/27	HX-SS.M25-14
	12-16	9	25	22	27	HX-SS.M25-16
	13-18	9	25	22	30	HX-SS.M25-18
M27×1.5	13-18	9	27	22	30	HX-SS.M27
M32×1.5	15-22	10	32	25	35	HX-SS.M32
	18-25	10	32	28	40/35	HX-SS.M32-25
M33×1.5	15-22	10	33	29	35/36	HX-SS.M33

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M36×1.5	18-25	10	36	28	40	HX-SS.M36
M40×1.5	18-25	10	40	28	40/45	HX-SS.M40-25
	22-30	10	40	30	45	HX-SS.M40-30
	25-33	10	40	30	50/45	HX-SS.M40-33
M42×1.5	22-30	10	42	30	45	HX-SS.M42
M47×1.5	25-33	11	47	30	50	HX-SS.M47
M48×1.5	25-33	11	48	30	50	HX-SS.M48
M50×1.5	32-38	12	50	31	55/56	HX-SS.M50
M54×1.5	32-38	12	54	31	55/57	HX-SS.M54
M60×1.5	37-44	13	60	33	66/65	HX-SS.M60
M63×1.5	37-44	13	63	33	65/68	HX-SS.M63
M64×2	37-44	13	64	33	65/68	HX-SS.M64
M72×2	42-52	15	72	35	75	HX-SS.M72
M75×2	42-52	15	75	35	75/80	HX-SS.M75
M80×2	55-62	15	80	37	85	HX-SS.M80
M88×2	65-70	18	88	38	94	HX-SS.M88
M90×2	65-70	18	90	38	94/96	HX-SS.M90
M100×2	75-85	20	100	53	110	HX-SS.M100

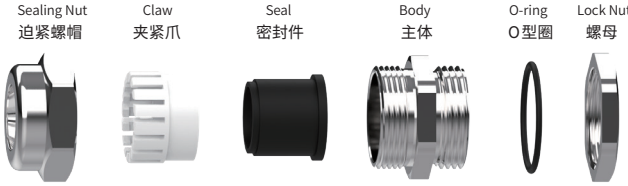
不锈钢电缆接头
Stainless Steel Cable Gland

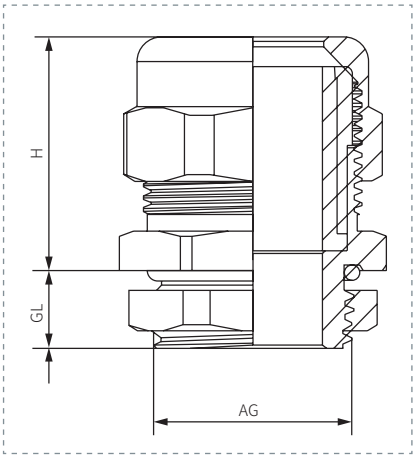
PG

CE ROHS IP68

材质：不锈钢 304/316L
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C

Material：SS304/SS316L
Claw：PA66 (Nylon)，UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C





专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
PG7	3-6.5	7	12.5	19.0	15	HX-SS.PG7
PG9	4-8	8	15.2	20.0	18	HX-SS.PG9
PG11	5-10	8	18.6	21.0	20	HX-SS.PG11
PG13.5	6-12	8	20.4	22.0	22	HX-SS.PG13.5
PG16	10-14	8	22.5	23.0	24	HX-SS.PG16
PG19	10-14	9	25.0	23.0	27	HX-SS.PG19
PG21	13-18	9	28.3	27.0	30	HX-SS.PG21
PG25	15-22	10	32.0	29.0	35	HX-SS.PG25
PG29	18-25	10	37.0	31.0	40	HX-SS.PG29
PG36	25-33	11	47.0	37.0	50	HX-SS.PG36
PG42	32-38	12	54.0	38.0	55/57	HX-SS.PG42
PG48	37-44	13	59.3	38.0	65/66	HX-SS.PG48
PG63	42-52	15	72.0	42.0	75	HX-SS.PG63

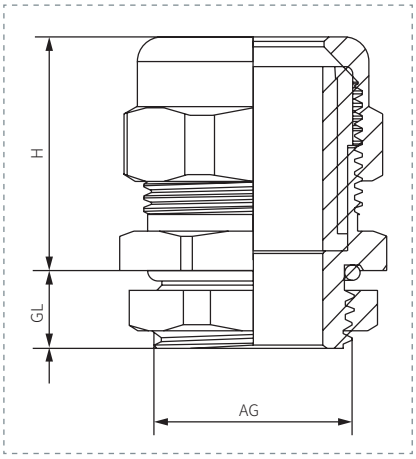
不锈钢电缆接头
Stainless Steel Cable Gland

G / NPT

CE ROHS IP68

材质：不锈钢 304/316L
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：SS304/SS316L
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	接合长度 H Joint Length	螺纹外径 AG Thread O.D.	扳手径 Spanner size	产品编号 Code
G1/4	3-6.5	7	19	13.1	14/16	HX-SS.G1/4
G3/8	4-8	8	21	16.6	18/20	HX-SS.G3/8
G1/2	6-12	8	22	20.9	22/24	HX-SS.G1/2
G3/4	13-18	9	25	26.4	30	HX-SS.G3/4
G1	18-25	10	29	32.2	40	HX-SS.G1
G1-1/4	25-33	11	35	41.9	50	HX-SS.G1-1/4
G1-1/2	32-38	12	37	47.8	55/56	HX-SS.G1-1/2
G2	37-44	14	38	59.6	65	HX-SS.G2
G2-1/2	42-52	16	42	75.1	75/80	HX-SS.G2-1/2
G3	65-70	18	45	88	94	HX-SS.G3
NPT1/4	3-6.5	7	19	13.6	14/16	HX-SS.NPT1/4
NPT3/8	4-8	8	21	17.0	18	HX-SS.NPT3/8
NPT1/2	6-12	8	23.5	21.2	22	HX-SS.NPT1/2
NPT3/4	13-18	9	26	26.5	30	HX-SS.NPT3/4
NPT1	18-25	10	33	33.2	40	HX-SS.NPT1
NPT1-1/4	22-32	11	37.5	41.9	50	HX-SS.NPT1 1/4
NPT1-1/2	30-38	12	38.5	48.0	55	HX-SS.NPT1 1/2
NPT2	37-44	14	40	60.0	65	HX-SS.NPT2
NPT2-1/2	42-52	16	40	72.6	75/80	HX-SS.NPT2-1/2
NPT3	65-70	18	41	88.6	94	HX-SS.NPT3

注：NPT 型号 标配不带螺母，可选
Note: NPT models come standard without nuts and are optional

金属双锁紧电缆接头

Metal Cable Gland-Double Lock Type

Hoonsun

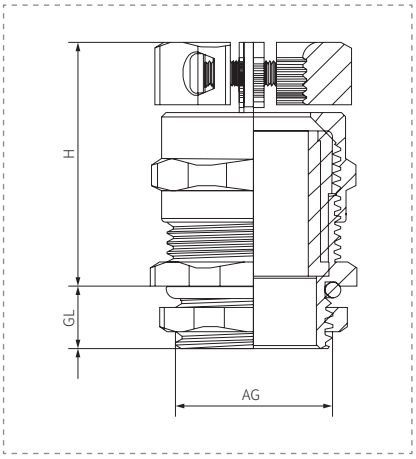
Eighteen years for only one thing!

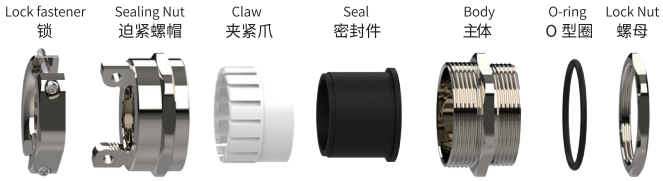
M

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C
应用特点：适用于对线缆密封，抗拉有特别要求的场合

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C
Application features: It is suitable for occasions where there are special requirements for cable sealing and tensile resistance





专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	6.5	12.0	25	14	HX-NS.M12
	4-8	8	12.0	27	17/14	HX-NS.M12-8
M16×1.5	4-8	8	16.0	27	18	HX-NS.M16
	5-10	8	16.0	29	20/18	HX-NS.M16-10
M18×1.5	5-10	8	18.0	29	20	HX-NS.M18
M20×1.5	6-12	8	20.0	31	22	HX-NS.M20
	10-14	8	20.0	31	24/22	HX-NS.M20-14
M25×1.5	10-14	9	25.0	37	24/27	HX-NS.M25-14
	12-16	9	25.0	37	27	HX-NS.M25-16
	13-18	9	25.0	37	30/27	HX-NS.M25-18
M32×1.5	15-22	10	32.0	42	35	HX-NS.M32
	18-25	10	32.0	42	40/35	HX-NS.M32-25
M40×1.5	18-25	11	40.0	48	40/45	HX-NS.M40-25
	22-30	11	40.0	48	45	HX-NS.M40-30
	25-33	11	40.0	48	50/45	HX-NS.M40-33
M50×1.5	32-38	13	50.0	50	57/55	HX-NS.M50
M63×1.5	37-44	14	63.0	51	64/68	HX-NS.M63
	42-52	14	63.0	51	78/68	HX-NS.M63-52

可选择 PG/G/NPT 螺纹定制 Customizable PG/G/NPT thread customization
其他规格尺寸可参考 1-4 页 For other specifications and sizes, please refer to pages 1-4

金属防折弯电缆接头
Metal Anti-Bending Cable Gland

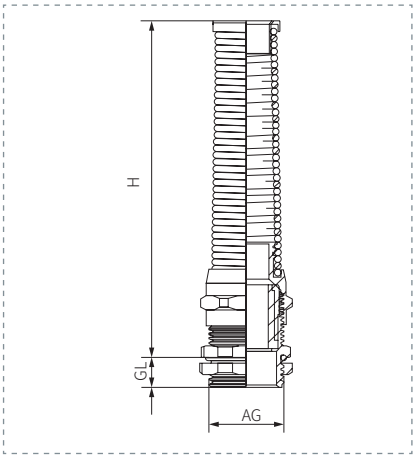
Hoonsun
Eighteen years for only one thing!

M / PG

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：-40°C到 100°C，短时间达 120°C

Material：Nickel-platedbrass
Claw：PA66（Nylon），UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Min-40°C ,Max100°C ,Short-time120°C



专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Range	螺纹长度 GL Thread Length	安装孔径 Mountinghole	结合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	6.5	12	52	14	HX-NZ.M12
M16×1.5	4-8	8	16	65	18	HX-NZ.M16
M18×1.5	5-10	8	18	75	20	HX-NZ.M18
M20×1.5	6-12	8	20	88	22	HX-NZ.M20
M22×1.5	10-14	8	22	96	24	HX-NZ.M22
M25×1.5	13-18	9	25	110	30/27	HX-NZ.M25
M30×1.5	13-18	9	25	110	30/32	HX-NZ.M30
PG7	3-6.5	6.5	12.5	52	14/15	HX-NZ.PG7
PG9	4-8	8	15.2	65	17/18	HX-NZ.PG9
PG11	5-10	8	18.6	75	20/21	HX-NZ.PG11
PG13.5	6-12	8	20.4	88	22/23	HX-NZ.PG13.5
PG16	10-14	8	22.5	96	24/25	HX-NZ.PG16
PG21	13-18	9	28.3	110	30	HX-NZ.PG21

其他规格尺寸可参考 1-4 页
For other specifications and sizes, please refer to pages 1-4

尼龙防折弯电缆接头

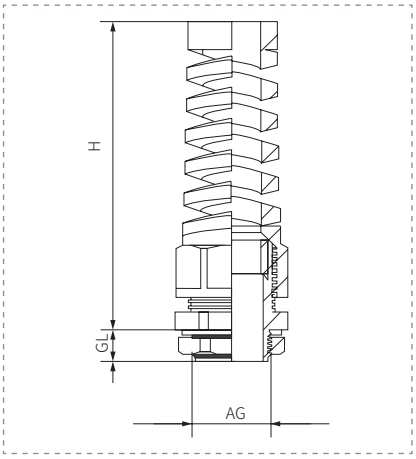
Nylon Anti-Bending Cable Gland

M

CE ROHS IP68 REACH

材质：PA66
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68
工作温度：-40°C到 100°C，短时间达 120°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA66
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68
Temperature：Min-40°C ,Max100°C ,Short-time120°C
Color：Grey, Black, other color customized



Anti bending spring
防折弯弹簧

Seal
密封件

Body
主体

Washer
平垫

Lock Nut
螺母

专利产品
patented product

规格参数 单位：mm

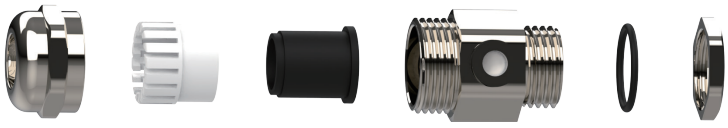
规格 Item	适用范围 Range	螺纹长度 GL Thread Lengh	安装孔径 Mountinghole	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	8	12	58	16	HX-NLZ.M12-6.5B
M16×1.5	4-8	8	16	73	19	HX-NLZ.M16-8B
M18×1.5	5-10	8	18	73	22	HX-NLZ.M18-10B
M20×1.5	6-12	9	20	80	24	HX-NLZ.M20-12B
M22×1.5	10-14	10	22	90	27	HX-NLZ.M22-14B
M25×1.5	13-18	10	25	105	33	HX-NLZ.M25-18B
M27×1.5	13-18	10	27	105	33	HX-NLZ.M27-18B
PG7	3-6.5	8	12.5	58	16	HX-NLZ.PG7-6.5B
PG9	4-8	8	15.2	73	19	HX-NLZ.PG9-8B
PG11	5-10	8	18.6	73	22	HX-NLZ.PG11-10B
PG13.5	6-12	9	20.4	80	24	HX-NLZ.PG13.5-12B
PG16	10-14	10	22.5	90	27	HX-NLZ.PG16-14B
PG21	13-18	10	28.3	105	33	HX-NLZ.PG21-18B

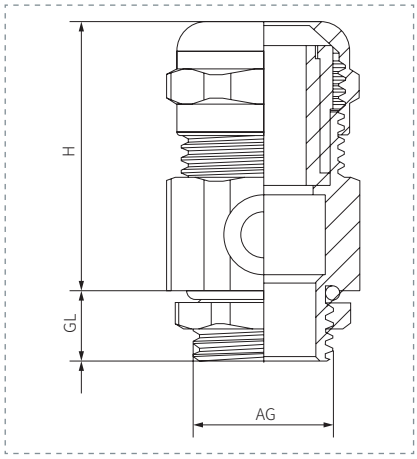
透气型电缆接头
Cable Gland-Air Permeable Type

M　　CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66，UL94-V2
密封件：三元乙丙
防护等级：在规定电缆外径内并使用合适 O 形密封圈防护等级可以达到 IP68，防水深度达到 3m-5m
工作温度：40°C～ 100°C，短时间内可达到 120°C
散热透气：2400ml/s/ ㎡ @0.02bar
进水压力：>5bar

Material：Nickel-platedbrass
Plastic Claw：PA66 (Nylon) , UL94-V2
Seal：EPDM
Protection degree：In the specified cable outer diameter and the appropriate o-ring Protection degree can reach IP68,the waterproof depth reaches 3m-5m
Temperatur：40°C ~ 100°C , can reach 120°C in a short time
Heat dissipation permeability：2400ml/s/ ㎡ @0.02bar
Water inlet pressure：>5bar





专利产品
patented product

规格参数 单位：mm

规格 Item	适用范围 Range	螺纹长度 GL	螺纹外径 Thread O.D.	接合长度 H Joint Length	扳手尺寸 Spanner size	产品编号 Code
M12×1.5	3-6.5	8	12.0	27	18/14	HX-NF.M12
	4-8	8	12.0	27	18/14	HX-NF.M12-8
M16×1.5	3-6	8	16.0	27	18	HX-NF.M16-(6)
	4-8	8	16.0	27	18	HX-NF.M16
	5-10	8	16.0	27	20/18	HX-NF.M16-10
M18×1.5	5-10	8	18.0	29	20	HX-NF.M18
M20×1.5	5-10	8	20.0	32	22	HX-NF.M20-(10)
	6-12	8	20.0	32	22	HX-NF.M20
	10-14	8	20.0	32	24/22	HX-NF.M20-12
M25×1.5	8-12	9	25.0	35	24/27	HX-NF.M25-(12)
	10-14	9	25.0	35	24/27	HX-NF.M25-14
	12-16	9	25.0	35	27	HX-NF.M25-16
	13-18	9	25.0	35	30/27	HX-NF.M25-18
M32×1.5	13-18	10	32.0	54	35	HX-NF.M32-(18)
	15-22	10	32.0	54	35	HX-NF.M32
	18-25	10	32.0	54	40/35	HX-NF.M32-25
M40×1.5	18-25	11	40.0	46	40/45	HX-NF.M40-25
	22-30	11	40.0	50	45	HX-NF.M40-30
	25-33	11	40.0	52	50/45	HX-NF.M40-33
M50×1.5	32-38	13	50.0	55	57/55	HX-NF.M50
M63×1.5	37-44	14	63.0	55	64/68	HX-NF.M63
	42-52	14	63.0	55	78/68	HX-NF.M63-52

可选择 PG/G/NPT 螺纹定制
Customizable PG/G/NPT thread

金属透气阀
Metal Vent Plug

Hoonsun
Eighteen years for only one thing!

M　　CE ROHS IP67 REACH

材质：黄铜镀镍
颜色：金属色
耐温性：-40°C ~+150°C
透湿性：>5000g/24H.M2
耐精水压：≥ 100mbar for 30min
产品特性：防尘，疏水，透气，散热，防油

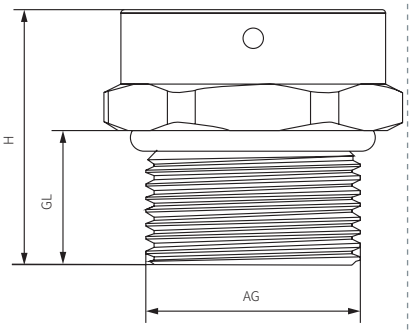
透气性：≥ 1500ml/min/@70mbar

功能：
1：防水防尘
2：通风口。铜厂和长期保护内部设备运行在恶劣的环境

3：散热，更换或辅助散热片，以降低车内温度。
4：延长产品使用寿命

Material：Nickel-plated brass
Color：Metallic color
Temperature resistance：-40°C ~ +150°C
Moisture permeability：>5000g/24H.M2
Resistant to fine water pressure：≥ 100mbar for 30min
Product characteristics：Dustproof, hydrophobic, breathable, heat dissipation, oil proof
Air permeability：≥ 1500ml/min/@70mbar

Function:
1:Waterproof,dustproof
2:Vent,copper factory and protect equipment operating under terrible environment.
3:Cooling,replace or assist heat sink,to reduce temperature of car.
4:Extend the service life of products.



规格参数 单位：mm

规格 Item	透气量 Breathability	螺纹长度 GL Thread Length	总长度 H Overall length	螺纹直径 AG Thread O.D.	扳手径 Spanner size	产品编号 Code
M5×0.8	≥ 300ml/min/@70mbar	5	13	5	8	HX-BF.M5
M5×0.8	≥ 300ml/min/@70mbar	7	15	5	10	HX-BF.M5 L7
M6×1.0	≥ 300ml/min/@70mbar	7	15	6	10	HX-BF.M6
M8×1.0	≥ 800ml/min/@70mbar	7	15.5	8	12	HX-BF.M8
M8×1.25	≥ 800ml/min/@70mbar	7	15.5	8	12	HX-BF.M8×1.25
M10×0.75	≥ 1200ml/min/@70mbar	8	17	10	14	HX-BF.M10
M10×1.5	≥ 1200ml/min/@70mbar	8	17	10	14	HX-BF.M10×1.5
M12×1.0	≥ 1500ml/min/@70mbar	8.5	17.5	12	16	HX-BF.M12
M12×1.5	≥ 1500ml/min/@70mbar	8.5	17.5	12	16	HX-BF.M12×1.5
M16×1.5	≥ 1700ml/min/@70mbar	10	19	16	20	HX-BF.M16
M18×1.5	≥ 2300ml/min/@70mbar	10	19	28	22	HX-BF.M18
M20×1.5	≥ 2300ml/min/@70mbar	10	19	20	22	HX-BF.M20
其他样式可支持来电咨询 Other styles support call consultation						

金属透气阀
Metal Vent Plug

M

CE ROHS IP67 REACH

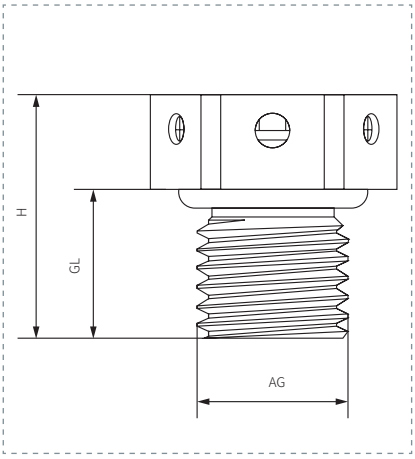
材质：黄铜镀镍
颜色：金属色
耐温性：-40°C ~+150°C
透湿性：>5000g/24H.M2
耐精水压：≥ 100mbar for 30min
产品特性：防尘，疏水，透气，散热，防油

透气性：≥ 1.2L/mim/cm²@70mbar(可定制)

功能：
1：防水防尘
2：通风口。铜厂和长期保护内部设备运行在恶劣的环境
3：散热，更换或辅助散热片，以降低车内温度。
4：延长产品使用寿命

Material：Nickel-plated brass
Color：Metallic color
Temperature resistance：-40°C ~ +150°C
Moisture permeability：>5000g/24H.M2
Resistant to fine water pressure：≥ 100mbar for 30min
Product characteristics：Dustproof, hydrophobic, breathable, heat dissipation, oil proof
Air permeability：≥ 1.2L/mim/c m@70mbar (customizable)

Function:
1:Waterproof,dustproof
2:Vent,copper factory and protect equipment operating under terrible environment.
3:Cooling,replace or assist heat sink,to reduce temperature of car.
4:Extend the service life of products.



规格参数 单位：mm

规格 Item	透气量 Breathability	螺纹长度 GL Thread Length	总长度 H Overall length	螺纹直径 AG Thread O.D.	扳手径 Spanner size	产品编号 Code
M5×0.8	≥ 200ml/min/@70mbar	5	10	5	8	HX-BF.M5-T
M6×1.0	≥ 200ml/min/@70mbar	5	10	6	8	HX-BF.M6-T
M8×1.0	≥ 500ml/min/@70mbar	7	12	8	12	HX-BF.M8-T
M8×1.25	≥ 500ml/min/@70mbar	7	12	8	12	HX-BF.M8×1.25-T
M10×1.5	≥ 500ml/min/@70mbar	8	13	10	14	HX-BF.M10-T
M12×1.0	≥ 1500ml/min/@70mbar	8	13	12	16	HX-BF.M12-T
M12×1.5	≥ 1500ml/min/@70mbar	10	15	12	16	HX-BF.M12×1.5-T
M16×1.5	≥ 1700ml/min/@70mbar	10	15	16	20	HX-BF.M16-T
M20×1.5	≥ 2300ml/min/@70mbar	10	15	20	24	HX-BF.M20-T

其他样式可支持来电咨询
Other styles support call consultation

不锈钢透气阀

Stainless Steel Vent Plug

Hoonsun

Eighteen years for only one thing!

M/G/NPT

CE ROHS IP67 REACH

材质：不锈钢 304

颜色：金属色

耐温性：-40°C ~+150°C

透湿性：>5000g/24H.M2

耐精水压：≥ 100mbar for 30min

产品特性：防尘，疏水，透气，散热，防油

透气性：≥ 1.2L/mim/cm²@70mbar(可定制)

功能：

1：防水防尘

2：通风口。铜厂和长期保护内部设备运行在恶劣的环境

3：散热，更换或辅助散热片，以降低车内温度。

4：延长产品使用寿命

Material：Stainless steel 304

Color：Metallic color

Temperature resistance：-40°C ~ +150°C

Moisture permeability：>5000g/24H.M2

Resistant to fine water pressure：≥ 100mbar for 30min

Product characteristics：Dustproof, hydrophobic, breathable, heat dissipation, oil proof

Air permeability：≥ 1.2L/mim/c m@70mbar (customizable)

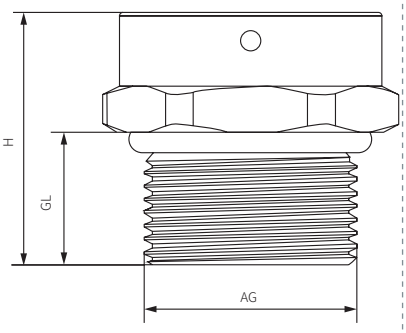
Function:

1:Waterproof,dustproof

2:Vent,copper factory and protect equipment operating under terrible environment.

3:Cooling,replace or assist heat sink,to reduce temperature of car.

4:Extend the service life of products.



规格参数 单位：mm

规格 Item	透气量 Breathability	螺纹长度 GL Thread Length	总长度 H Overall length	螺纹直径 AG Thread O.D.	扳手径 Spanner size	产品编号 Code
M4×0.8	≥ 200ml/min/@70mbar	6	13	4	8	HX-BF.M4 SS
M5×0.8	≥ 300ml/min/@70mbar	7	15	5	10	HX-BF.M5 SS
M6×1.0	≥ 300ml/min/@70mbar	7	15	6	10	HX-BF.M6 SS
M8×1.0	≥ 900ml/min/@70mbar	7	16	8	14	HX-BF.M8 SS
M8×1.25	≥ 900ml/min/@70mbar	7	16	8	14	HX-BF.M8x1.25 SS
M10×1.0	≥ 1500ml/min/@70mbar	8	16	10	17	HX-BF.M10 SS
M10×1.5	≥ 1500ml/min/@70mbar	8	16	10	17	HX-BF.M10x1.5 SS
M12×1.5	≥ 1500ml/min/@70mbar	6	14	12	17	HX-BF.M12 L6 SS
M12×1.5	≥ 1500ml/min/@70mbar	7	15	12	17	HX-BF.M12 L7 SS
M12×1.5	≥ 1500ml/min/@70mbar	10	18	12	17	HX-BF.M12 L10 SS
M12×1.75	≥ 1500ml/min/@70mbar	7	15	12	17	HX-BF.M12x1.75 SS
M12×1.75	≥ 1500ml/min/@70mbar	10	18	12	17	HX-BF.M12x1.75 SS
M16×1.5	≥ 2300ml/min/@70mbar	10	19.5	16	22	HX-BF.M16 SS
M20×1.5	≥ 2300ml/min/@70mbar	10	19.5	20	22	HX-BF.M20 SS
M22×1.5	≥ 2300ml/min/@70mbar	10	23	22	28	HX-BF.M22 SS
M24×1.5	≥ 2500ml/min/@70mbar	10	21	24	30	HX-BF.M24 SS
M25×1.5	≥ 2500ml/min/@70mbar	10	21	25	30	HX-BF.M25 SS
M40×1.5	≥ 2500ml/min/@70mbar	15	30	40	45	HX-BF.M40 SS
G1/8	≥ 1500ml/min/@70mbar	8	16	18.5	17	HX-BF.G1/8 SS
G1/4	≥ 1500ml/min/@70mbar	7	15	18.5	17	HX-BF.G1/4 SS
G3/8	≥ 2300ml/min/@70mbar	10	19.5	24	22	HX-BF.G3/8 SS
G1/2	≥ 2300ml/min/@70mbar	10	19.5	24	22	HX-BF.G1/2 SS
G3/4	≥ 3000ml/min/@70mbar	10	23	35.5	32	HX-BF.G3/4 SS
NPT1/8	≥ 1500ml/min/@70mbar	8	16	18.5	17	HX-BF.NPT1/8 SS
NPT1/4	≥ 1500ml/min/@70mbar	7	15	18.5	17	HX-BF.NPT1/4 SS
NPT3/8	≥ 2300ml/min/@70mbar	10	19.5	24	22	HX-BF.NPT3/8 SS
NPT1/2	≥ 2300ml/min/@70mbar	10	19.5	24	22	HX-BF.NPT1/2 SS

其他样式可支持来电咨询
Other styles support call consultation

不锈钢透气阀

Stainless Steel Vent Plug

Hoonsun

Eighteen years for only one thing!

M/G/NPT

CE ROHS IP67 REACH

材质：不锈钢 304
颜色：金属色
耐温性：-40°C ~+150°C
透湿性：>5000g/24H.M2
耐精水压：≥ 100mbar for 30min
产品特性：防尘，疏水，透气，散热，防油

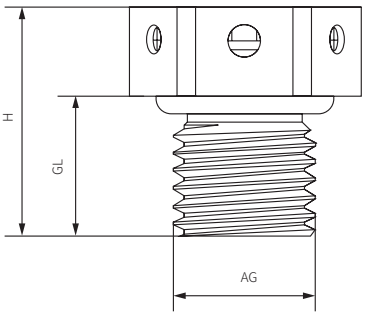
透气性：≥ 1.2L/mim/cm²@70mbar(可定制)

功能：
1：防水防尘
2：通风口。铜厂和长期保护内部设备运行在恶劣的环境

3：散热，更换或辅助散热片，以降低车内温度。
4：延长产品使用寿命

Material：Stainless steel 304
Color：Metallic color
Temperature resistance：-40°C ~ +150°C
Moisture permeability：>5000g/24H.M2
Resistant to fine water pressure：≥ 100mbar for 30min
Product characteristics：Dustproof, hydrophobic, breathable, heat dissipation, oil proof
Air permeability：≥ 1.2L/mim/c m@70mbar (customizable)

Function:
1:Waterproof,dustproof
2:Vent,copper factory and protect equipment operating under terrible environment.
3:Cooling,replace or assist heat sink,to reduce temperature of car.
4:Extend the service life of products.



规格参数 单位：mm

规格 Item	透气量 Breathability	螺纹长度 H Thread Length	接合长度 H Overall length	螺纹直径 AG Thread O.D.	扳手径 Spanner size	产品编号 Code
M5×0.8	≥ 200ml/min/@70mbar	5	9	5	8	HX-BF.M5-T SS
M6×1.0	≥ 200ml/min/@70mbar	5	9	6	8	HX-BF.M6-T SS
M8×1.25	≥ 500ml/min/@70mbar	7	12	8	12	HX-BF.M8x1.25-T SS
M10×1.5	≥ 500ml/min/@70mbar	8	13	10	14	HX-BF.M10x1.5-T SS
M12×1.5	≥ 1500ml/min/@70mbar	8	13	12	16	HX-BF.M12-T SS
M16×1.5	≥ 1700ml/min/@70mbar	10	15	16	20	HX-BF.M16-T SS
M20×1.5	≥ 2300ml/min/@70mbar	10	15	20	24	HX-BF.M20-T SS

其他样式可支持来电咨询
Other styles support call consultation

尼龙透气阀
Nylon Vent Plug

Hoonsun
Eighteen years for only one thing!

M

CE ROHS IP67 REACH

材质：PA66
颜色：白、灰、黑
耐温性：-40°C ~+150°C
透湿性：>5000g/24H.M2
耐精水压：≥ 100mbar for 30min
产品特性：防尘，疏水，透气，散热，防油

透气性：≥ 1.2L/mim/cm²@70mbar(可定制)

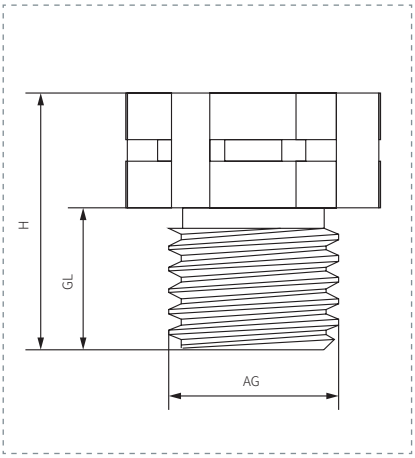
功能：
1：防水防尘
2：通风口。铜厂和长期保护内部设备运行在恶劣的环境

3：散热，更换或辅助散热片，以降低车内温度。
4：延长产品使用寿命

Material：PA66
Color：White, Gray, Black
Temperature resistance：-40°C ~ +150°C
Moisture permeability：>5000g/24H.M2
Resistant to fine water pressure：≥ 100mbar for 30min
Product characteristics：Dustproof, hydrophobic, breathable, heat dissipation, oil proof
Air permeability：≥ 1.2L/mim/c m@70mbar (customizable)

Function:
1:Waterproof,dustproof
2:Vent,copper factory and protect equipment operating under terrible environment.

3:Cooling,replace or assist heat sink,to reduce temperature of car.
4:Extend the service life of products.



规格参数 单位：mm

规格 Item	透气量 Breathability	螺纹长度 GL	总长度 H Overall length	螺纹直径 Thread diameter	扳手径 Spanner size	产品编号 Code
M5×0.8	≥ 600ml/min/@70mbar	7	13	5	12	HX-PF.M5
M6×1.0	≥ 600ml/min/@70mbar	7	13	6	12	HX-PF.M6
M8×1.0	≥ 600ml/min/@70mbar	7	12.5	8	12	HX-PF.M8
M8×1.25	≥ 1500ml/min/@70mbar	10	18	8	17	HX-PF.M8
M10×1.5	≥ 1500ml/min/@70mbar	10	18	10	17	HX-PF.M10
M12×1.0	≥ 1500ml/min/@70mbar	10	16	12	16	HX-PF.M12
M12×1.5	≥ 1500ml/min/@70mbar	10	16	12	16	HX-PF.M12
M12×1.5	≥ 1500ml/min/@70mbar	10	18	12	17	HX-PF.M12
M16×1.5	≥ 4000ml/min/@70mbar	10	18	16	22	HX-PF.M16
M20×1.5	≥ 4500ml/min/@70mbar	10	18	20	27	HX-PF.M20
M24×1.5	≥ 7000ml/min/@70mbar	15	24	24	36	HX-PF.M24
M32×1.5	≥ 8000ml/min/@70mbar	15	25	32	45	HX-PF.M32
M40×1.5	≥ 8500ml/min/@70mbar	15mm	24mm	40mm	56mm	HX-PF.M40

直角 90°电缆接头

Right angle 90° Cable Gland

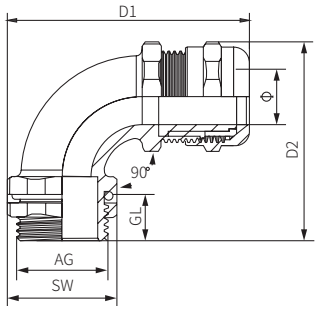
M/PG

CE ROHS IP68 REACH

材质：镀镍黄铜
夹紧爪：尼龙塑料 PA66, UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68-10 巴压力
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C

Material：Nickel-platedbrass
Claw：PA66 (Nylon) , UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68-10 bar
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C

1: 迫紧螺帽 Sealing Nut
2: 夹紧爪 Claw
3: 密封件 Seal
4: 主体 Body
5: O 型圈 O-ring
6: 螺帽 Lock Nut



规格参数 单位：mm

规格 Item	适用范围 Range	螺纹长度 GL Thread Length	扳手径 Spanner size	D1	D2	产品编号 Code
M12×1.5	4-8	10	20/22/14	53	45	HX-NW.M12-8
M16×1.5	4-8	10	20/22/18	53	44.5	HX-NW.M16
M20×1.5	6-12	10	22/25/22	55	47	HX-NW.M20
M25×1.5	13-18	10	30/30/27	66	54	HX-NW.M25
M32×1.5	15-22	12	34/34/35	69	60	HX-NW.M32
M40×1.5	22-32	16	50/55/43	106	93	HX-NW.M40
M50×1.5	25-32	16	50/55/55	106	92	HX-NW.M50
M63×1.5	37-44	18	64/73/68	128	116	HX-NW.M63
PG7	4-8	10	20/22/14	52	44	HX-NW.PG7-8
PG9	4-8	10	20/22/18	53	45.5	HX-NW.PG9
PG11	5-10	10	20/22/20	53	46.5	HX-NW.PG11
PG13.5	6-12	10	22/24/22	55	47	HX-NW.PG13.5
PG21	13-18	12	30/35/31	68	60	HX-NW.PG21
PG29	18-25	15	40/43/40	85.5	75	HX-NW.PG29
PG36	25-32	16	50/55/50	105	92	HX-NW.PG36
PG42	25-32	16	50/55/55	106	92	HX-NW.PG42
PG48	37-44	18	64/73/68	128	116	HX-NW.PG48

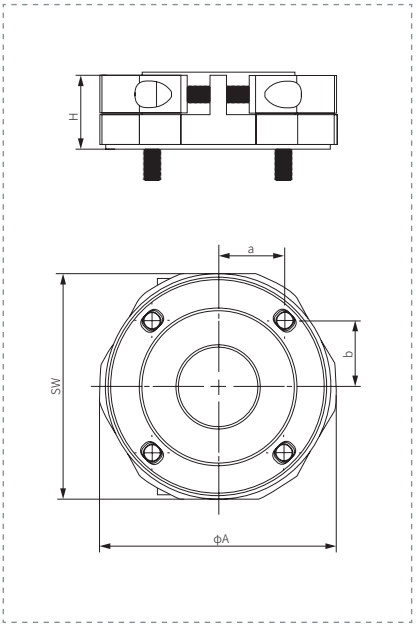
可选择 G / NPT 螺纹
G/NPT threads are available

法兰夹紧式密封接头
Flange Clamp-on Seal Joints

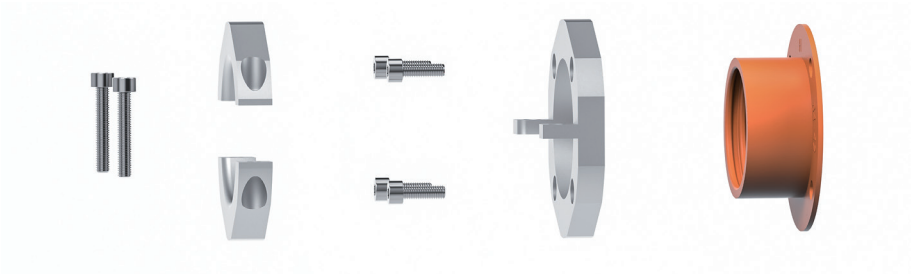
CE ROHS IP55 REACH

材质：铝合金
表面处理：硬质阳极氧化
温度范围：-40°C ~+150°C
阻燃等级：V0
防护等级：IP55
抗拉力值：≥ 200N(静态)
适用场合：高压直流充电桩；需多次拆装；无需定制扳手；可定制颜色

Material：Aluminum Alloy
Surface Treatment：Hard Anodizing
Temperature：-40°C ~+150°C
Flammability Rating：V0
Ingress Protection：IP55
Tensile Strength value：≥ 200N (Static)
When to use it: High-voltage DC Charging Pile; It needs to be disassembled and assembled several times; No custom wrenches are required; Customized colors are available



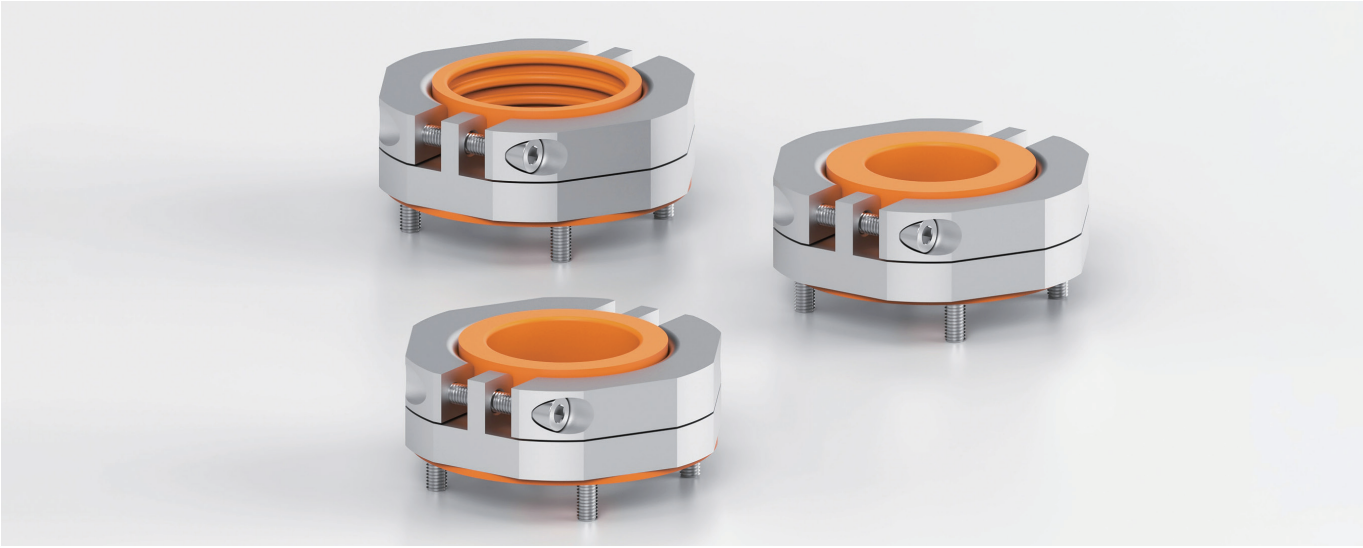
Allen socket screws 内六角螺丝 | Lock the male and female pieces 锁紧公母片 | Allen socket screws 内六角螺丝 | Body 主体 | Seal 密封件



规格参数 单位：mm

规格 Item	电缆外径 mm	安装孔 a/b mm	对边 SW/ 对角 ¢ A mm	H	螺栓规格 M*L	螺栓数量 L=30/16	产品编号 Code
Φ49.5(34-42)-H	34-42	21.5/21.5	73/ ¢ 77	24	M5*30/M5*16	2/4	HX-FL.Φ49.5(34-42)-H
Φ49.5(34-42)-H	34-42	21.5/21.5	73/ ¢ 77	24	M5*30/M5*16	2/4	HX-FL.Φ49.5(34-42)-H(黑)
Φ49.5(28-36)-H	28-36	21.5/21.5	73/ ¢ 77	24	M5*30/M5*16	2/4	HX-FL.Φ49.5(28-36)-H
Φ49.5(28-36)-H	28-36	21.5/21.5	73/ ¢ 77	24	M5*30/M5*16	2/4	HX-FL.Φ49.5(28-36)-H(黑)
Φ49.5(23-31)-H	23-31	21.5/21.5	73/ ¢ 77	24	M5*30/M5*16	2/4	HX-FL.Φ49.5(23-31)-H
Φ49.5(23-31)-H	23-31	21.5/21.5	73/ ¢ 77	24	M5*30/M5*16	2/4	HX-FL.Φ49.5(23-31)-H(黑)

螺纹标准：GB/T192-2003 GB/T196-2003
Thread standard: GB/T192-2003 GB/T196-2003



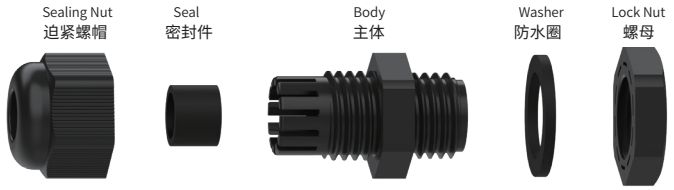
尼龙电缆接头
Nylon Cable Gland

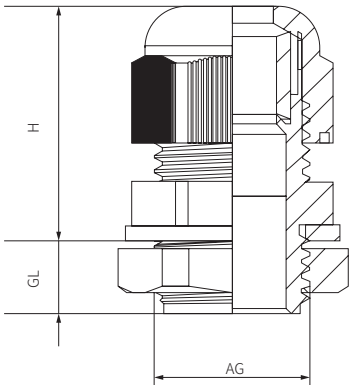
M/M-Lengthen

CE ROHS IP68

材质：尼龙材料 PA/PA6
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA/PA6(Nylon) ,UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C
Color customization：Grey，Black，other color customized





规格参数 单位：mm

规格 Item	线径范围 Wire ange	螺纹长度 GL	螺纹外径 Thread O.D.	扳手径 Spanner size	产品编号 Code
M12×1.5	3-6.5	9	12	18/16	HX-NL.M12
	4-8	9	12	18/16	HX-NL.M12-8
M16×1.5	4-8	9	16	22/19	HX-NL.M16
	5-10	9	16	22/19	HX-NL.M16-10
M18×1.5	5-10	9	18	24/22	HX-NL.M18
M20×1.5	6-11	9	20	27/24	HX-NL.M20
	10-14	9	20	27/24	HX-NL.M20-14
M22×1.5	10-14	10	22	30/27	HX-NL.M22
M25×1.5	12-15	10	25	31/28	HX-NL.M25
	13-18	12	25	31/28	HX-NL.M25-18
M27×1.5	13-18	12	27	35/33	HX-NL.M27
M30×1.5	16-21	12	30	37/35	HX-NL.M30
M32×1.5	16-21	12	32	38/35	HX-NL.M32
M36×1.5	18-25	12	36	45/42	HX-NL.M36
M40×1.5	22-32	17	40	52/52	HX-NL.M40
M50×1.5	32-38	19	50	62/58	HX-NL.M50
M63×1.5	37-44	19	63	72/64	HX-NL.M63

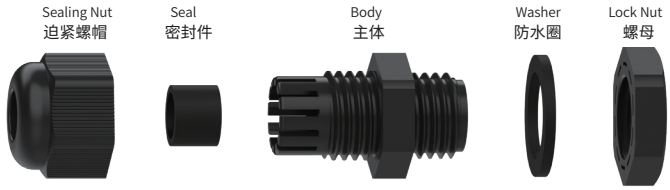
尼龙电缆接头
Nylon Cable Gland

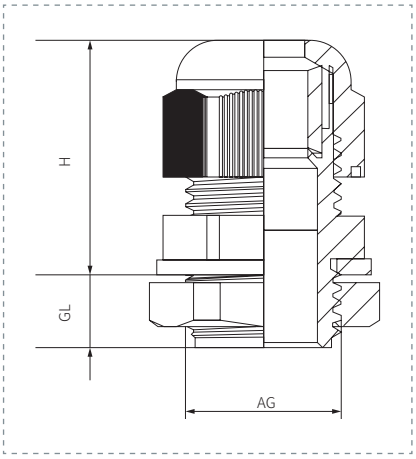
PG/PG-Lengthen

CE ROHS IP68

材质：尼龙材料 PA/PA6
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA/PA6(Nylon)，UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C
Color customization：Grey，Black，other color customized





规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	扳手径 Spanner size	产品编号 Code
PG7	3-6.5	9	12.5	18/16	HX-NL.PG7
PG9	4-8	9	15.2	22/19	HX-NL.PG9
PG11	5-10	9	18.6	24/22	HX-NL.PG11
PG13.5	6-11	10	20.4	27/24	HX-NL.PG13.5
PG16	10-13	10	22.5	30/27	HX-NL.PG16
PG21	13-18	12	28.3	35/33	HX-NL.PG21
PG29	18-25	12	37.0	45/42	HX-NL.PG29
PG36	22-32	15	47.0	58/52	HX-NL.PG36
PG42	32-38	18	54.0	62/58	HX-NL.PG42
PG48	37-44	18	59.3	70/64	HX-NL.PG48
PG7	3-6.5	15	12.5	18/16	HX-NL.PG7L
PG9	4-8	15	15.2	22/19	HX-NL.PG9L
PG11	5-10	15	18.6	24/22	HX-NL.PG11L
PG13.5	6-11	15	20.4	27/24	HX-NL.PG13.5L
PG16	10-13	15	22.5	30/27	HX-NL.PG16L
PG21	13-18	15	28.3	35/33	HX-NL.PG21L
PG29	18-25	15	37.0	45/42	HX-NL.PG29L
PG36	22-32	18	47.0	58/52	HX-NL.PG36L
PG42	32-38	20	54.0	62/58	HX-NL.PG42L
PG48	37-44	20	59.3	70/64	HX-NL.PG48L

尼龙加强型电缆接头

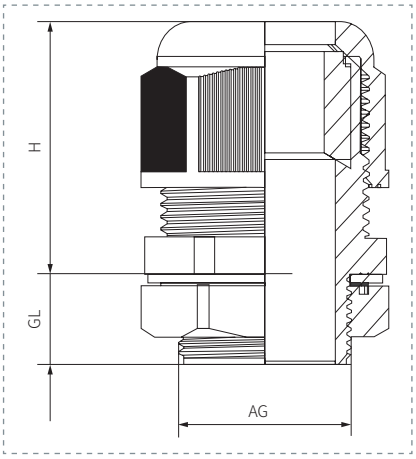
Nylon Reinforced Cable Gland

M

CE ROHS IP68

材质：尼龙材料 PA6/PA66
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA6/PA66（Nylon）,UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C
Color customization：Grey，Black，other color customized



规格参数 单位：mm

螺牙规格 Screw spec	电缆范围 Φ	螺纹外径 AG	接合长度 H Joint Length	螺纹长度 GL	扳手径 A&F	编号 Code
M10×1.5	2.5-6	10	22	8	12/15	HX-NL.M10-6B
M12×1.5	3-6.5	12	22	8	18/15	HX-NL.M12S-6.5B
	4-8	12	25	9	18/19	HX-NL.M12-8B
M16×1.5	4-8	16	25	9	22/19	HX-NL.M16S-8B
	6-10	16	28	9	22/22	HX-NL.M16-10B
	4-7	16	28	9	22/22	HX-NL.M16-(7)B
M18×1.5	6-10	18	27	9	24/22	HX-NL.M18-10B
	4-7	18	27	9	24/22	HX-NL.M18-7B
M20×1.5	6-12	20	30	10	27/24	HX-NL.M20S-12B
	5-9	20	30	10	27/24	HX-NL.M20S-(9)B
	8.5-14	20	30	10	27/27	HX-NL.M20-14B
	6-12	20	30	10	27/27	HX-NL.M20-(12)B
M22×1.5	9-14	22	31	10	29/27	HX-NL.M22-14B
	6-11	22	31	10	29/27	HX-NL.M22-(11)B
M25×1.5	8.5-14	25	31	12	33/27	HX-NL.M25S-14B
	6-10.5	25	35	12	33/27	HX-NL.M25-10.5B
	6-11	25	35	12	33/27	HX-NL.M25-11B
	12.5-18	25	35	12	33/33	HX-NL.M25-18B
	7-13	25	35	12	33/33	HX-NL.M25-13B
M32×1.5	18-25	32	38	12.5	41/41	HX-NL.M32-25B
	15-22	32	38	12.5	41/41	HX-NL.M32-22B
M40×1.5	24-32	40	44	16	50/50	HX-NL.M40-32B
	18-25	40	44	16	50/50	HX-NL.M40-25B
M50×1.5	31-41	50	49	20	62/62	HX-NL.M50-41B
M63×1.5	35-45	63	52	20	75/65	HX-NL.M63-45B

尼龙加强型电缆接头

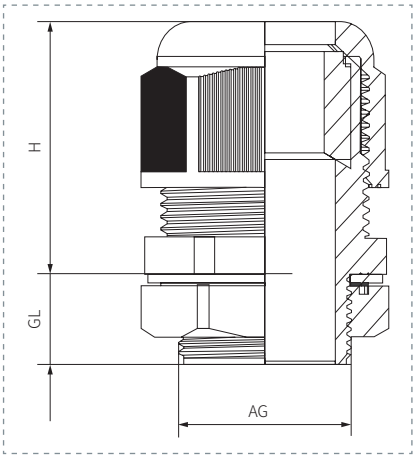
Nylon Reinforced Cable Gland

PG

CE ROHS IP68

材质：尼龙材料 PA6/PA66
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA6/PA66（Nylon）,UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C
Color customization：Grey，Black，other color customized



规格参数 单位：mm

螺牙规格 Screw spec	电缆范围 Φ	螺纹长度 GL	接合长度 H Joint Length	螺纹外径 AG	扳手径 A&F	编号 Code
PG7	3-6.5	8	22	12.5	17/15	HX-NL.PG7S-6.5B
	4-8	9	25	12.5	17/19	HX-NL.PG7-8B
PG9	4-8	9	25	15.2	22/19	HX-NL.PG9-8B
	2-5	9	25	15.2	22/19	HX-NL.PG9-5B
PG11	6-10	9	28	18.6	24/22	HX-NL.PG11-10B
	4-8	9	28	18.6	24/22	HX-NL.PG11-8B
PG13.5	6-12	10	30	20.4	27/24	HX-NL.PG13.5-12B
	5-10	10	30	20.4	27/24	HX-NL.PG13.5-10B
PG16	10-14	10.8	31	22.5	30/27	HX-NL.PG16-14B
	5-10	10.8	31	22.5	30/27	HX-NL.PG16-10B
PG19	8.5-14	11	31	23.5	30/27	HX-NL.PG19-14B
	6-11	11	31	22.5	30/27	HX-NL.PG19-11B
PG21	12.5-18	12	35	28.3	36/33	HX-NL.PG21-18B
	7-13	12	35	28.3	36/33	HX-NL.PG21-13B
PG25	14-20	13	35	30	36/37	HX-NL.PG25-20B
PG29	18-25	15	38	37	46/41	HX-NL.PG29-25B
	15-22	15	38	37	46/41	HX-NL.PG29-22B
PG36	24-32	15	43	47	57/50	HX-NL.PG36-32B
	22-29	15	43	47	57/50	HX-NL.PG36-29B
PG42	31-41	15.5	47	54	64/62	HX-NL.PG42-41B
	22-28	15.5	47	54	64/62	HX-NL.PG42-28B
PG48	35-45	15.5	52	59.3	70/65	HX-NL.PG48-45B

螺牙规格 Screw spec	电缆范围 Φ	螺纹长度 GL	接合长度 H Joint Length	螺纹外径 AG	扳手径 A&F	编号 Code
G3/8	6-10	10	28	16.662	22/22	HX-NL.G3/8-10B
	4-8	10	28	16.662	22/22	HX-NL.G3/8-8B
G1/2	6-12	10	30	20.955	27/24	HX-NL.G1/2-12B
	5-10	10	30	20.955	27/24	HX-NL.G1/2-10B
G3/4	12.5-18	12	35	26.441	33/33	HX-NL.G3/4-18B
	7-13	12	35	26.441	33/33	HX-NL.G3/4-13B
G1	18-25	13.5	38	33.2	42/41	HX-NL.G1-25B
	15-22	13.5	38	33.2	42/41	HX-NL.G1-22B
G1-1/4	24-32	15	43	41.9	51/50	HX-NL.G1-1/4B
	22-29	15	43	41.9	51/50	HX-NL.G1-1/4-29B
NPT3/8	6-10	10	28	16.662	22	HX-NL.NPT3/8-10B
	4-8	10	28	16.662	22	HX-NL.NPT3/8-8B
NPT1/2	6-12	10	30	20.955	27	HX-NL.NPT1/2-12B
	5-10	10	30	20.955	27	HX-NL.NPT1/2-10B
NPT3/4	12.5-18	15	35	26.441	33	HX-NL.NPT3/4-18B
	7-13	15	35	26.441	33	HX-NL.NPT3/4-13B
NPT1	18-25	17	38	33.5	41	HX-NL.NPT1-25B
	15-22	17	38	33.5	41	HX-NL.NPT1-22B
NPT1-1/4	24-32	17	43	42	50	HX-NL.NPT1-1/4-32B
	22-29	17	43	42	50	HX-NL.NPT1-1/4-29B

尼龙分体式电缆接头

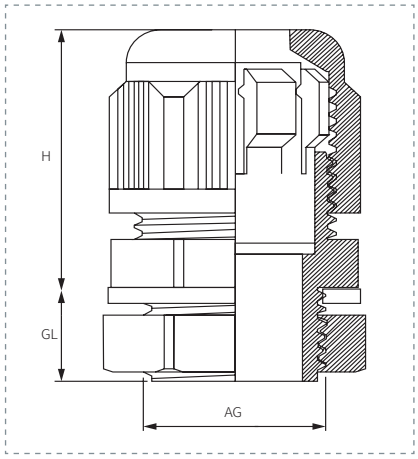
Nylon Split Cable Gland

M / PG

CE ROHS IP68

材质：尼龙材料 PA6/PA66
夹紧爪：尼龙塑料 PA66 UL94-V2
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
防水等级：IP68
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA6/PA66 (Nylon) ,UL94-V2
Claw：PA66 (Nylon) , UL94-V2
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Protection degree：IP68
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C
Color customization：White，Black，other color customized



Sealing Nut 迫紧螺帽 | Claw 夹紧爪 | Seal 密封件 | Body 主体 | Washer 防水圈 | Lock Nut 螺母

规格参数 单位：mm

规格 Item	电缆范围 Φ	螺纹长度 GL	螺纹外径 AG	扳手径 A&F	产品编号 Code
M12×1.5	3-5.5	8.5	12	18/19	HX-NL.MG12-5.5
	4-8	8.5	12	18/19	HX-NL.MG12-8
M16×1.5	4-8	10	16	22/19	HX-NL.MG16S-8
	6-10	10	16	22/22	HX-NL.MG16-10
M20×1.5	6-12	10	20	27/24	HX-NL.MG20S-12
	9-14	10	20	27/27	HX-NL.MG20-14
M22×1.5	6-11	10	22	27/27	HX-NL.MG22-11
	10-14	10	22	27/27	HX-NL.MG22-14
M25×1.5	10-14	10	25	33/27	HX-NL.MG25S-14
	12-16	10	25	33/33	HX-NL.MG25-16
	13-18	10	25	33/33	HX-NL.MG25-18
M32×1.5	15-22	15	32	41/42	HX-NL.MG32-22
	18-25	15	32	41/42	HX-NL.MG32-25
M40×1.5	20-26	20	40	50/52	HX-NL.MG40-26
	24-31	20	40	50/52	HX-NL.MG40-31
M50×1.5	25-33	22	50	62/62	HX-NL.MG50-33
	31-41	22	50	62/62	HX-NL.MG50-41
M63×1.5	39-46	25	63	75/75	HX-NL.MG63-46
	44-51	25	63	75/75	HX-NL.MG63-51
M75×2.0	50-60	25	75	92/92	HX-NL.MG75-60
	56-66	25	75	92/92	HX-NL.MG75-66
M90×2.0	58-68	25	90	110/110	HX-NL.MG90-68
	66-77	25	90	110/110	HX-NL.MG90-77

规格 Item	电缆范围 Φ	螺纹长度 GL	螺纹外径 AG	扳手径 A&F	产品编号 Code
PG7	3-5.5	8	12.5	17/19	HX-NL.MPG7-5.5
	4-8	8	12.5	17/19	HX-NL.MPG7-8
PG9	3-5.5	8.2	15.2	22/19	HX-NL.MPG9-5.5
	4-8	8.2	15.2	22/19	HX-NL.MPG9-8
PG11	4-7	10	18.6	24/22	HX-NL.MPG11-7
	6-10	10	18.6	24/22	HX-NL.MPG11-10
PG13.5	7-12	10	20.4	27/24	HX-NL.MPG13.5-12
	10-14	10	20.4	27/24	HX-NL.MPG13.5-14
PG16	6-11	10	22.5	27/27	HX-NL.MPG16-11
	10-14	10	22.5	27/27	HX-NL.MPG16-14
PG21	10-16	12	28.3	36/33	HX-NL.MPG21-16
	13-18	12	28.3	36/33	HX-NL.MPG21-18
PG29	15-22	12	37	46/41	HX-NL.MPG29-22
	18-25	12	37	46/41	HX-NL.MPG29-25
PG36	20-26	14	47	57/52	HX-NL.MPG36-26
	24-31	14	47	57/52	HX-NL.MPG36-31
PG42	25-33	15	54	64/62	HX-NL.MPG42-33
	31-41	15	54	64/62	HX-NL.MPG42-41

尼龙波纹管接头

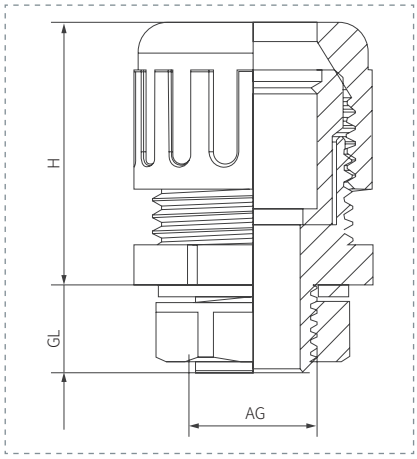
Powerful Watertight Corrugated Tubing Fittings

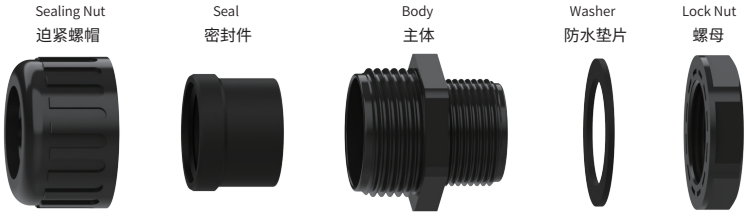
M / PG / G

CE ROHS

材质：尼龙材料 PA6/PA66
密封件：三元乙丙、硅橡胶等
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA6/PA66 (Nylon) ,UL94-V2
Hermetic seal：EPDM、Silicone rubber
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C
Color customization：Grey, Black, other color customized





规格参数 单位：mm

规格 Item	适用软管 Conduit size	螺纹外径 Thread O.D.	螺纹长度 GL	包装 Pack	产品编号 Code
M12 × 1.5	AD10.0	12	9	50	HX-NLT.M12-AD10.0
M16 × 1.5	AD13.0	16	15	50	HX-NLT.M16-AD13.0
M16 × 1.5	AD15.8	16	15	50	HX-NLT.M16-AD15.8
M20 × 1.5		20	15	50	HX-NLT.M20-AD15.8
M22 × 1.5		22	15	50	HX-NLT.M22-AD15.8
M25 × 1.5		25	15	50	HX-NLT.M25-AD15.8
M16 × 1.5	AD18.5	16	15	50	HX-NLT.M16-AD18.5
M20 × 1.5		20	15	50	HX-NLT.M20-AD18.5
M22 × 1.5		22	15	50	HX-NLT.M22-AD18.5
M20 × 1.5	AD21.2	20	15	50	HX-NLT.M20-AD21.2
M25 × 1.5		25	15	50	HX-NLT.M25-AD21.2
M25 × 1.5	AD25.0	25	15	50	HX-NLT.M25-AD25.0
M25 × 1.5	AD26.2	25	15	50	HX-NLT.M25-AD26.2
M25 × 1.5	AD28.5	25	15	50	HX-NLT.M25-AD28.5
M32 × 1.5	AD34.5	32	15	20	HX-NLT.M32-AD34.5
M50 × 1.5	AD48	50	15	10	HX-NLT.M50-AD48
M50 × 1.5	AD54.5	50	22	10	HX-NLT.M50-AD54.5
M63 × 1.5		63	25	10	HX-NLT.M63-AD54.5
M50 × 1.5	AD60	50	22	10	HX-NLT.M50-AD60
M63 × 1.5		63	25	10	HX-NLT.M63-AD60

规格 Item	适用软管 Conduit size	螺纹外径 Thread O.D.	螺纹长度 GL	包装 Pack	产品编号 Code
PG7	AD10.0	12.5	9	50	HX-NLT.PG7-AD10.0
PG9		15.2	9	50	HX-NLT.PG9-AD10.0
PG11	AD13.0	18.6	10	50	HX-NLT.PG11-AD13.0
PG13.5	AD15.8	20.4	10	50	HX-NLT.PG13.5-AD15.8
PG16		22.5	10.8	50	HX-NLT.PG16-AD15.8
PG13.5	AD18.5	20.4	10	50	HX-NLT.PG13.5-AD18.5
PG16		22.5	10.8	50	HX-NLT.PG16-AD18.5
PG16	AD21.2	22.5	13	50	HX-NLT.PG16-AD21.2
PG21		28.3	13	50	HX-NLT.PG21-AD21.2
PG21	AD28.5	28.3	13	50	HX-NLT.PG21-AD28.5
PG29	AD34.5	37	13	20	HX-NLT.PG29-AD34.5
PG36	AD42.5	47	13	10	HX-NLT.PG36-AD42.5
PG48	AD54.5	59.3	16	10	HX-NLT.PG48-AD54.5
PG48	AD60	59.3	16	10	HX-NLT.PG48-AD60
G(PF)1/4	AD10.0	13.1	9	50	HX-NLT.PF1/4-AD10.0
G(PF)3/8	AD13.0	16.6	15	50	HX-NLT.PF3/8-AD13.0
G(PF)1/2	AD15.8	20.9	15	50	HX-NLT.PF1/2-AD15.8
G(PF)1/2	AD18.5	20.9	15	50	HX-NLT.PF1/2-AD18.5
G(PF)1/2	AD21.2	20.9	15	50	HX-NLT.PF1/2-AD21.2
G(PF)3/4		26.4	15	50	HX-NLT.PF3/4-AD21.2
G(PF)3/4	AD28.5	26.4	15	50	HX-NLT.PF3/4-AD28.5
G(PF)1	AD34.5	33.2	15	20	HX-NLT.PF1-AD34.5
G(PF)1 1/4	AD42.5	41.9	15	10	HX-NLT.PF1 1/4-AD42.5
G(PF)1 1/2	AD54.5	48	15	10	HX-NLT.PF1 1/2-AD54.5
G(PF)2		60	15	10	HX-NLT.PF2-AD54.5
G(PF)1 1/2	AD60	48	15	10	HX-NLT.PF1 1/2-AD60
G(PF)2		60	15	10	HX-NLT.PF2-AD60

尼龙软管快速接头

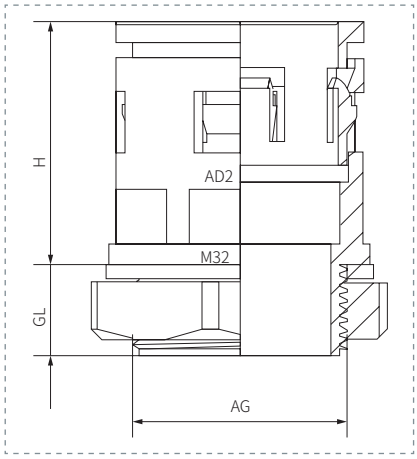
Nylon Union for Flexible Pipe

M / PG / G

CE ROHS

材质：尼龙材料 PA6/PA66
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA6/PA66 (Nylon) ,UL94-V2
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C
Color customization：Grey，Black，other color customized



Quick head
快速头

Body
主体

Lock Nut
螺母

规格参数 单位：mm

规格 Item	适用软管 Conduit size	螺纹外径 AG Thread O.D.	螺纹长度 GL Thread Length	产品编号 Code
M12 x 1.5	AD10.0	12	8.5	HX-NLK.M12-AD10.0
M12 x 1.5	AD13.0	12	10	HX-NLK.M12-AD13.0
M16 x 1.5		16	10	HX-NLK.M16-AD13.0
M18 x 1.5		18	10	HX-NLK.M18-AD13.0
M16 x 1.5	AD15.8	16	10	HX-NLK.M16-AD15.8
M18 x 1.5		18	12.5	HX-NLK.M18-AD15.8
M20 x 1.5		20	12.5	HX-NLK.M20-AD15.8
M20 x 1.5	AD18.5	20	12.5	HX-NLK.M20-AD18.5
M22 x 1.5		22	12.5	HX-NLK.M22-AD18.5
M20 x 1.5	AD21.2	20	13	HX-NLK.M20-AD21.2
M24 x 1.5		24	13	HX-NLK.M24-AD21.2
M25 x 1.5		25	13	HX-NLK.M25-AD21.2
M25 x 1.5	AD25.0	25	13	HX-NLK.M25-AD25.0
M25 x 1.5	AD28.5	25	13	HX-NLK.M25-AD28.5
M27 x 1.5		27	13	HX-NLK.M27-AD28.5
M30 x 1.5		30	13	HX-NLK.M30-AD28.5
M32 x 1.5		32	13	HX-NLK.M32-AD28.5
M32 x 1.5	AD34.5	32	14	HX-NLK.M32-AD34.5
M36 x 1.5		36	14	HX-NLK.M36-AD34.5
M40 x 1.5		40	14	HX-NLK.M40-AD34.5
M40 x 1.5	AD42.5	40	15	HX-NLK.M40-AD42.5
M48 x 1.5		48	15	HX-NLK.M48-AD42.5
M50 x 1.5	AD54.5	50	16	HX-NLK.M50-AD54.5
M63 x 1.5		60	16	HX-NLK.M63-AD54.5

规格 Item	适用软管 Conduit size	螺纹外径 AG Thread O.D.	螺纹长度 GL Thread Length	产品编号 Code
PG7	AD10.0	12.4	8.5	HX-NLK.PG7-AD10.0
PG9	AD13.0	15.2	10	HX-NLK.PG9-AD13.0
PG11	AD15.8	18.4	12.5	HX-NLK.PG11-AD15.8
PG13.5	AD18.5	20.4	12.5	HX-NLK.PG13.5-AD18.5
PG16	AD21.2	22.5	13	HX-NLK.PG16-AD21.2
PG21	AD28.5	28.3	13	HX-NLK.PG21-AD28.5
PG29	AD34.5	37	14	HX-NLK.PG29-AD34.5
PG36	AD42.5	47	15	HX-NLK.PG36-AD42.5
PG42	AD54.5	54	16	HX-NLK.PG42-AD54.5
PG48		59.3	16	HX-NLK.PG48-AD54.5
G(PF) 1/4	AD10.0	13.1	8.5	HX-NLK.G1/4-AD10.0
G(PF) 3/8	AD15.8	16.6	12.5	HX-NLK.G3/8-AD15.8
G(PF) 1/2		20.9	12.5	HX-NLK.G1/2-AD15.8
G(PF) 1/2	AD18.5	20.9	12.5	HX-NLK.G1/2-AD18.5
G(PF) 1/2	AD21.2	20.9	13	HX-NLK.G1/2-AD21.2
G(PF) 3/4		26.4	13	HX-NLK.G3/4-AD21.2
G(PF) 3/4	AD28.5	26.4	13	HX-NLK.G3/4-AD28.5
G(PF) 1	AD34.5	33.2	14	HX-NLK.G1-AD34.5
G(PF) 1 1/4	AD42.5	41.9	15	HX-NLK.G1 1/4-AD42.5
G(PF) 1 1/2		48	15	HX-NLK.G1 1/2-AD42.5
G(PF) 1 1/2	AD54.5	48	16	HX-NLK.G1 1/2-AD54.5
G(PF) 2		60	16	HX-NLK.G2-AD54.5

折弯软管快速接头

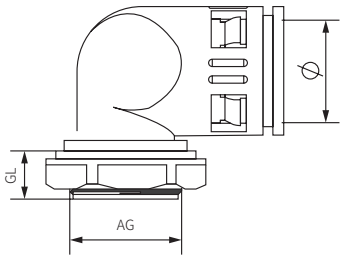
Right Angle Union For Flexible Pipe

M / PG

CE ROHS

材质：尼龙材料 PA6/PA66
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C
颜色定制：灰色、黑色其他颜色可以定制

Material：PA6/PA66（Nylon）,UL94-V2
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C
Color customization：Grey，Black，other color customized



规格参数 单位：mm

规格 Item	适用软管 Conduit size	螺纹外径 AG Thread O.D.	螺纹长度 GL Thread Length	产品编号 Code
M12×1.5	AD10.0	12	10	HX-NLF.M12-AD10
M16×1.5	AD13.0	16	11.5	HX-NLF.M16-AD13
M16×1.5	AD15.8	16	12	HX-NLF.M16-AD15.8
M20×1.5	AD18.5	20	12	HX-NLF.M20-AD18.5
M20×1.5	AD21.2	20	13	HX-NLF.M20-AD21.2
M25×1.5	AD25.0	25	13	HX-NLF.M25-AD25
M25×1.5	AD28.5	25	13	HX-NLF.M25-AD28.5
M32×1.5	AD34.5	32	15	HX-NLF.M32-AD34.5
M40×1.5	AD42.5	40	15	HX-NLF.M40-AD42.5
M50×1.5	AD54.5	50	15	HX-NLF.M50-AD54.5
PG7	AD10.0	12.3	10	HX-NLF.PG7-AD10
PG9	AD13.0	15	11.5	HX-NLF.PG9-AD13
PG11	AD15.8	18.4	12	HX-NLF.PG11-AD15.8
PG13.5	AD18.5	20.4	12	HX-NLF.PG13.5-AD18.5
PG16	AD21.2	22.3	13	HX-NLF.PG16-AD21.2
PG19	AD25.0	25	13	HX-NLF.PG19-AD25
PG21	AD28.5	28	13	HX-NLF.PG21-AD28.5
PG29	AD34.5	36.7	15	HX-NLF.PG29-AD34.5
PG36	AD42.5	46.7	15	HX-NLF.PG36-AD42.5
PG48	AD54.5	59	16	HX-NLF.PG48-AD54.5

船用填料函 -JIS 系列

Marine Cable Gland-JIS standard Type

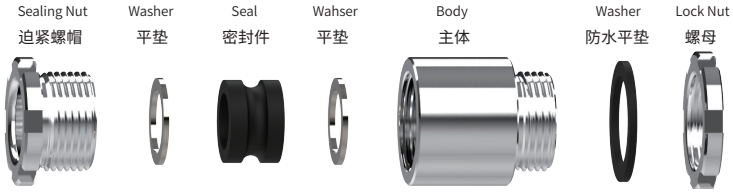
Hoonsun
Eighteen years for only one thing!

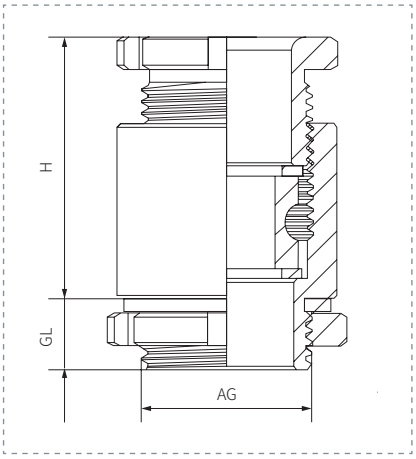
JIS

CE ROHS IP54 REACH

材质：镀铬黄铜
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
垫圈：镀镍铁环
防水等级：IP54
工作温度：静态:-40°C到 100°C，短时间达 120°C
动态:-20°C到 80°C，短时间达 100°C

Material：Chromium-plated brass
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Metal Washer：Nickel-plated hoop
Protection degree：IP54
Temperature：Static state:-40 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C





规格参数 单位：mm

规格 Item	螺纹 Thread	适用范围 Range	螺纹长度 GL	螺纹外径 AG	扳手径 Spanner size	产品编号 Code
JIS10	3/8	6-7	11	16.6	Φ22/28	HX-JIS10A
		7-8				HX-JIS10B
JIS15	1/2	8-9	11	20.9	Φ28/31	HX-JIS15A
		9-10				HX-JIS15B
		9-11				HX-JIS15C
JIS20	3/4	11-12	11	26.4	Φ34/37	HX-JIS20A
		12-13				HX-JIS20B
		12-15				HX-JIS20C
JIS25	1	15-16	11	33.2	Φ41/45	HX-JIS25A
		16-18				HX-JIS25B
		16-20				HX-JIS25C
JIS30	1-1/4	20-22	12	41.9	Φ49/56	HX-JIS30A
		22-24				HX-JIS30B
		22-26				HX-JIS30C
JIS35	1-1/2	26-28	12	47.8	Φ56/62	HX-JIS35A
		28-30				HX-JIS35B
		26-30				HX-JIS35C
JIS40		30-32		47.8		HX-JIS40A
		32-34				HX-JIS40B
		30-34				HX-JIS40C

规格 Item	螺纹 Thread	适用范围 Range	螺纹长度 GL	螺纹外径 AG	扳手径 Spanner size	产品编号 Code
JIS45	2	34-36	12	59.6	Φ68/76	HX-JIS45A
		36-38				HX-JIS45B
		36-40				HX-JIS45C
JIS50		40-42		59.6		HX-JIS50A
		42-44				HX-JIS50B
		40-44				HX-JIS50C
JIS55	2-1/2	44-46	12	75.1	Φ84/94	HX-JIS55A
		46-48				HX-JIS55B
		46-50				HX-JIS55C
JIS60		50-52		75.1		HX-JIS60A
		52-54				HX-JIS60B
		52-56				HX-JIS60C
JIS65	3	56-58	14	88.0	Φ98/112	HX-JIS65A
		58-60				HX-JIS65B
JIS70		60-62		88.0		HX-JIS70A
		62-64				HX-JIS70B
JIS75		64-66		88.0		HX-JIS75A
		66-70				HX-JIS75B

船用填料函 -TJ 系列

Marine Cable Gland-TJ Clamping Type

Hoonsun

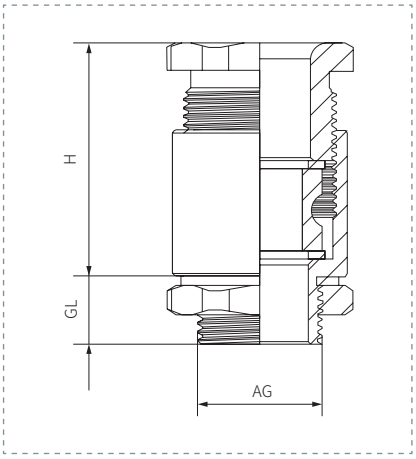
Eighteen years for only one thing!

TJ

CE ROHS IP54 REACH

材质：镀铬黄铜
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
垫圈：镀镍铁环
防水等级：IP54
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Chromium-plated brass
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Metal Washer：Nickel-plated hoop
Protection degree：IP54
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹规格 AG Thread	螺纹长度 GL Thread Length	主体外径 D Body Outer Diameter	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
TJ8	5-7	M14×1	9	19	28	18	HX-TJ8
TJ13	6-12	M18×1	10	24	35	22	HX-TJ13
TJ16	11-15	M22×1.5	12	31	40	30	HX-TJ16
TJ19	14-18	M27×1.5	12	34.5	42	32	HX-TJ19
TJ24	17-23	M30×1.5	12	40	44	36	HX-TJ24
TJ28	22-27	M36×1.5	15	46.5	46	45	HX-TJ28
TJ34	26-33	M42×2	15	54	48	50	HX-TJ34
TJ42	32-41	M52×2	15	60	54	57/59	HX-TJ42
TJ50	40-49	M58×2	15	69	56	64/68	HX-TJ50
TJ58	48-57	M68×2	20	77.5	60	76	HX-TJ58

船用填料函 -TH 系列

Marine Cable Gland-TH Welded Type

Hoonsun

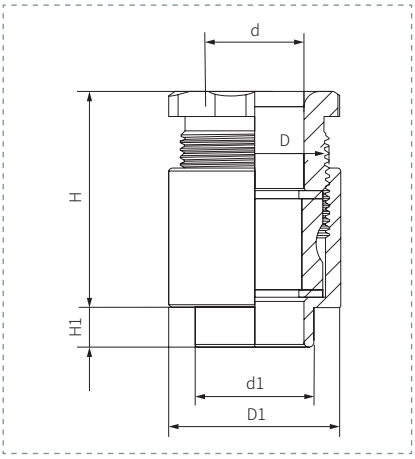
Eighteen years for only one thing!

TH

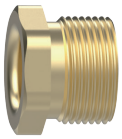
CE ROHS IP54 REACH

材质：黄铜、镀锌铁
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
垫圈：镀镍铁环
防水等级：IP54
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Brass、Galvanized iron
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Metal Washer：Nickel-plated hoop
Protection degree：IP54
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



Sealing Nut 迫紧螺帽



Washer 平垫

Seal 密封件

Wahser 平垫

Body 主体

规格参数 单位：mm

规格 Item	适用范围 Φ Range	螺纹规格 D Thread	焊接长度 H1 Welded Length	安装孔径 d1 Mounting hole	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
TH-8	5-7	M16×1	3	13	32	18	HX-TH8
TH-13	6-12	M20×1	8	17	35	22	HX-TH13
TH-16	11-15	M27×1.5	8	22	40	30	HX-TH16
TH-19	14-18	M30×1.5	8	24	42	32	HX-TH19
TH-24	17-23	M35×1.5	8	30	44	36	HX-TH24
TH-28	22-27	M42×2	8	35	46	45	HX-TH28
TH-34	26-33	M47×2	8	42	49	50	HX-TH34
TH-42	32-41	M55×2	8	50	54	57	HX-TH42
TH-50	40-49	M62×2	8	58	56	64	HX-TH50
TH-58	48-57	M71×2	8	66	56	76	HX-TH58

单压缩式填料函

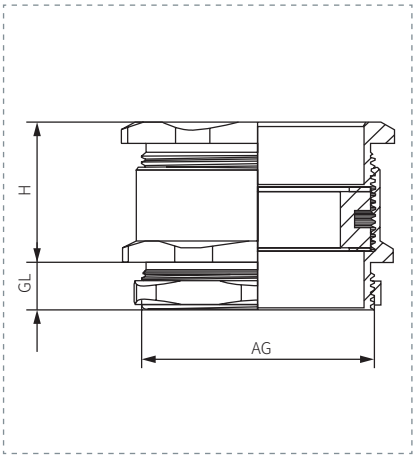
Single Compression Type Cable Gland

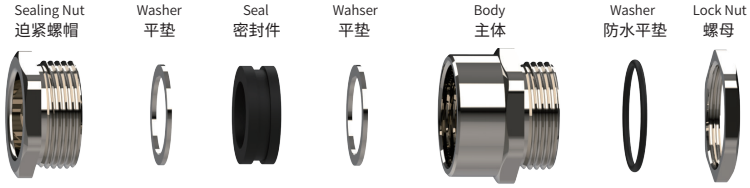
DCG

CE ROHS IP54 REACH

材质：镀镍黄铜
密封件：三元乙丙、硅橡胶等
防水圈：三元乙丙、硅橡胶等
垫圈：镀镍铁环
防水等级：IP54
工作温度：静态：-40°C到 100°C，短时间达 120°C
动态：-20°C到 80°C，短时间达 100°C

Material：Nickel-plated brass
Hermetic seal：EPDM、Silicone rubber
O-Ring：EPDM、Silicone rubber
Metal Washer：Nickel-plated hoop
Protection degree：IP54
Temperature：Static state：-40 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C





规格参数 单位：mm

规格 Item	螺纹 Thread	适用范围 Φ Range	螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
DCG7	PG7	5-6.5	5.0	12.5	16.5	14/15	HX-DCG7
DCG9	PG9	6-8	6.2	15.2	17.5	16/18	HX-DCG9
DCG11	PG11	8-11	6.5	18.6	17.5	20/21	HX-DCG11
DCG13.5	PG13.5	9-11.5	7.5	20.4	20.5	22/23	HX-DCG13.5
DCG16	PG16	11-14	8.0	22.5	22.2	24/26	HX-DCG16
DCG21	PG21	15-17.5	8.0	28.3	23.5	30/32	HX-DCG21
DCG29	PG29	20-23	8.0	37.0	25.5	40/41	HX-DCG29
DCG36	PG36	29-31	10.0	47.0	29.0	50/52	HX-DCG36
DCG42	PG42	32-38	11.0	54.0	33.0	57/57	HX-DCG42
DCG48	PG48	37-44	12.0	59.3	34.0	64/64	HX-DCG48

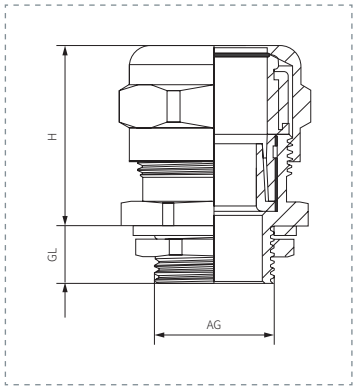
简易铠装工业接头
Simple Armored Cable Gland

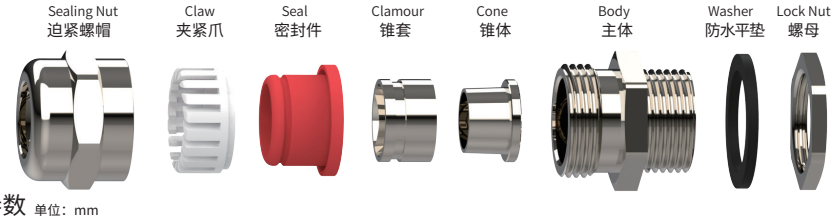
HX-EX-1

CE ROHS Ex IP68 REACH

材质：黄铜 / 不锈钢 304/316L
表面：镀镍 / 钝化
密封件：硅橡胶、氟丁橡胶等
防爆标识：Exd IIC Gb
阻燃等级：UL94-V0
防水等级：IP68-10 巴压力
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C
适用电缆类型：铠装电缆

Material：Brass/SS304/SS316L
Surface treatment：Nickel plated,Passivation
Sealing material：Silicone rubber,Neoprene
Explosion-proof：Exd IIC Gb
Flame retardant degree：UL94-V0
Protection degree：IP68-10 bar
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C
Applicable cable type：Armored cable





规格参数 单位：mm

螺纹尺寸 Thread size	外护套 ΦB Outer sheath	内护套 ΦA Inner sherth	铠装编织 Armour/Braid DrientAion1	DrientAion2	六角尺寸 SW	接合长度 H	螺纹长度 GL	产品编号 Code
M20x1.5	10.0-14.0	6.0-10.0	0.9/1.25	0/0.7	24/24	30	15	HX-EX1.M20-14
M20x1.5	13.0-18.0	9.0-14.0	0.9/1.25	0/0.7	30/30	32	15	HX-EX1.M20-18
M25x1.5	17.0-24.0	13.0-20.0	1.25/1.6	0/0.7	40/38	35	15	HX-EX1.M25
M32x1.5	23.0-32.0	18.0-26.0	1.6/2.0	0.6/1.2	50/48	39	15	HX-EX1.M32
M40x1.5	31.0-38.0	25.0-32.0	1.6/2.0	0.6/1.2	57/55	43	15	HX-EX1.M40
M50x1.5	37.0-44.0	31.0-38.0	1.8/2.5	0.6/1.2	62/60	48	15	HX-EX1.M50
M63x1.5	45.0-55.0	36.0-47.0	1.8/2.5	0.6/1.2	70/70	53	15	HX-EX1.M63
M75x1.5	58.0-68.0	45.0-58.0	1.8/2.5	1.0/1.5	90/88	58	15	HX-EX1.M75
M87x1.5	67.0-79.0	56.0-67.0	1.8/2.5	1.0/1.5	102/96	64	15	HX-EX1.M87
M100x1.5	78.0-89.0	65.0-75.0	1.8/2.5	1.0/1.5	110/114	70	15	HX-EX1.M100

可选择 PG/G/NPT 螺纹
PG/G/NPT threads are available

双密封铠装防爆填料函

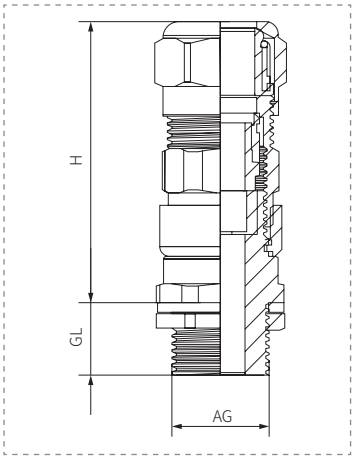
Double Seal Armored CBTL

HX-EX-2

CE ROHS Ex IP68 REACH

表面：镀镍 / 钝化
密封件：硅橡胶、氟丁橡胶等
防爆标识：Exd IIC Gb
阻燃等级：UL94-V0
防水等级：IP68-10 巴压力
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C
适用电缆类型：铠装电缆

Surface treatment：Nickel plated,Passivation
Sealing material：Silicone rubber,Neoprene
Explosion-proof：Exd IIC Gb
Flame retardant degree：UL94-V0
Protection degree：IP68-10 bar
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C
Applicable cable type：Armored cable



规格参数 单位：mm

螺纹尺寸 Insert thread size			外护套 ΦB Outer sheath		内护套 ΦA Inner sheath		铠装编织 Armour/Braid		六角尺寸	接合长度	螺纹长度	产品编号 Code
公制螺纹 M	英制螺纹 G	英制螺纹 NPT	标准密封圈	可选密封圈	标准密封图	可选密封圈	方向 1 Orientaion1	方向 2 Orientaion2	SW	H	GL	
M20x1.5	G1/2	NPT1/2″	9.0-14.0	6.0-10.0	6.0-10.0	4.0-8.0	0.9/1.25	0/0.7	24	64	15	HX-EX2.M20 /G½″ /NPT½″
M20x1.5	G1/2	NPT1/2″	13.0-18.0	12.0-16.0	9.0-14.0	8.0-12.0	0.9/1.25	0/0.7	30	65	15	HX-EX2.M20 /G½″ /NPT½″
M25x1.5	G3/4	NPT3/4″	17.0-24.0	15.0-21.0	13.0-20.0	11.0-17.0	1.25/1.6	0/0.7	70	40	15	HX-EX2.M25 /G¾″ /NPT¾″
M32x1.5	G1	NPT1″	23.0-32.0	20.0-28.0	18.0 26.0	16.0-23.0	1.6/2.0	0.6/1.2	75	50	15	HX-EX2.M32 /G1″ /NPT1″
M40x1.5	G1 1/4	NPT1 1/4″	31.0-38.0	28.0-35.0	25.0-32.0	21.0-29.0	1.6/2.0	0.6/1.2	78	57	15	HX-EX2.M40 /G1¼″ /NPT1¼″
M50x1.5	G1 1/2	NPT1 1/2″	37.0-44.0	34.0-41.0	31.0-38.0	28.0-35.0	1.8/2.5	0.6/1.2	93	62	15	HX-EX2.M50 /G1½″ /NPT1½″
M63x1.5	G2	NPT2″	45.0-55.0	40.0-50.0	36.0-47.0	33.0-43.0	18/2.5	0.6/1.2	98	70	16	HX-EX2.M63 /G2″ /NPT2″
M75x1.5	G2 1/2	NPT2 1/2″	58.0-68.0	51.0-61.0	45.0-58.0	42.0-53.0	1.8/2.5	1.0/1.5	102	90	18	HX-EX2.M75 /G2½″ /NPT2½″
M87x1.5	G3	NPT3″	67.0-79.0	62.0-73.0	56.0-67.0	52.0-62.0	1.8/2.5	1.0/1.5	105	102	20	HX-EX2.M87 /G3″ /NPT3″
M100x1.5	G4	NPT4″	78.0-89.0	/	65.0-75.0	/	1.8/2.5	1.0/1.5	110	115	20	HX-EX2.M100 /G4″ /NPT4″

可选择 PG/G/NPT 螺纹
PG/G/NPT threads are available

防爆电缆夹紧密封接头

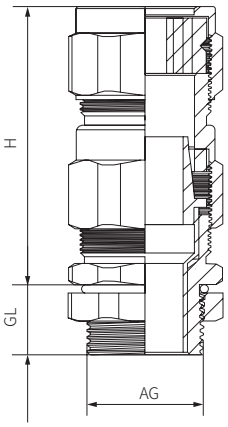
Explosion-proof Cable Clamp Sealing Joint

HX-EX-3

CE ROHS Ex IP68 REACH

材质：黄铜 / 不锈钢 304/316L
表面：镀镍 / 钝化
密封件：硅橡胶、氟丁橡胶等
防爆标识：Exd IIC Gb
阻燃等级：UL94-V0
防水等级：IP68-10 巴压力
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C
适用电缆类型：铠装电缆

Material：Brass/SS304/SS316L
Surface treatment：Nickel plated,Passivation
Sealing material：Silicone rubber,Neoprene
Explosion-proof：Exd IIC Gb
Flame retardant degree：UL94-V0
Protection degree：IP68-10 bar
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C
Applicable cable type：Armored cable



规格参数 单位：mm

公制螺纹 M Metric	英制螺纹 G Inch	电缆外径 Outer diameter cable		螺纹长度 GL Thread length	接合长度 H Joint length	产品编号 Code
		进线 A Incoming line	出线 B Outlet line			
M16×1.5	G3/8	7—15	8	15	53	HX-EX3.M16-15
M20×1.5	G1/2	7—15	8	15	53	HX-EX3.M20-15
M25×1.5	G3/4	11—20	13	15	53	HX-EX3.M25-20
M32×1.5	G1	14-25	16	17	60	HX-EX3.M32-25
M40×1.5	G1 1/4	19-33	21	17	70	HX-EX3.M40-33
M50×1.5	G1 1/2	24-41	25	17	78	HX-EX3.M50-41
M63×1.5	G2	30-50	32.5	17	82	HX-EX3.M63-50
M75×2	G2 1/2	38-64	44	17	82	HX-EX3.M75-64
M85×2	G3S	47-74	52	18	82	HX-EX3.M85-74
M90×2	G3	47-74	52	18	82	HX-EX3.M90-74
M100×2	G4S	57-90	64	18	90	HX-EX3.M100-90
M110×2	G4	62-103	72	18	100	HX-EX3.M110-103

可选择 PG/G/NPT 螺纹
PG/G/NPT threads are available

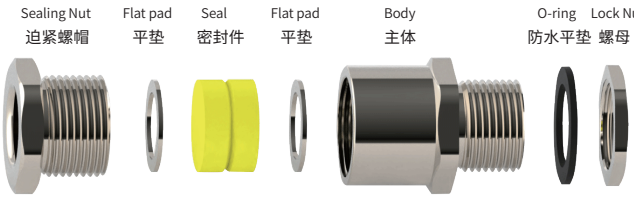
防爆填料函
Anti-Explosion Packing Gland

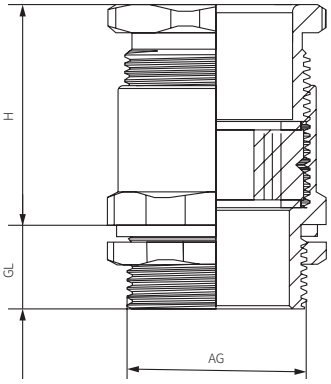
HX-EX4

CE IP54 ROHS

外部金属：镀镍黄铜
密封件：硅橡胶
防水圈：硅橡胶
垫圈：镀镍黄铜
防水等级：IP54
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C

Material：Nickel-plated brass
Hermetic seal：silastic
O-Ring：silastic
Metal Wather：Nickel-plated brass
Protection degree：IP54
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C





规格参数 单位：mm

规格 Item	适用范围 Range	螺纹规格 Thread specification		螺纹长度 Thread Length	接合长度 Joint Length	扳手径 Spanner size	产品编号 Code
		D1	D2				
HX-EX-4-16	6-15	M16×1.5	M24×1.5	15	37	27/20	HX-EX4.M16
HX-EX-4-20	6-15	M20×1.5	M24×1.5	15	37	27/24	HX-EX4.M20
HX-EX-4-25	8-18	M25×1.5	M28×1.5	15	37	32/30	HX-EX4.M25
HX-EX-4-32	12-23	M32×1.5	M33×1.5	15	39	36	HX-EX4.M32
HX-EX-4-40	15-30	M40×1.5	M40×1.5	18	47	45	HX-EX4.M40
HX-EX-4-50	20-37	M50×1.5	M50×1.5	18	47	55	HX-EX4.M50
HX-EX-4-63	24-46	M63×1.5	M60×2	18	48	68	HX-EX4.M63

可选择 PG/G/NPT 螺纹
PG/G/NPT threads are available

防爆电缆夹紧密封接头

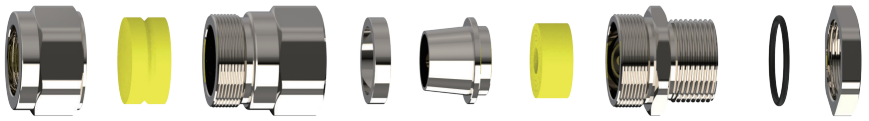
Explosion-Proof Cable Clamp Sealing Joint-CW

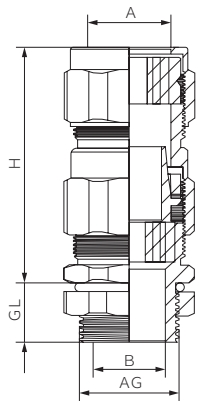
HX-EX5

CE ROHS Ex IP68 REACH

材质：黄铜 / 不锈钢 304/316L
表面：镀镍 / 钝化
密封件：硅橡胶、氟丁橡胶
防爆标识：Exd IIC Gb
阻燃等级：UL94-V0
防水等级：IP68-10 巴压力
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C

Material：Brass/SS304/SS316L
Surface treatment：Nickel plated,Passivation
Sealing material：Silicone rubber,Neoprene
Explosion-proof：Exd IIC Gb
Flame retardant degree：UL94-V0
Protection degree：IP68-10 bar
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C





规格参数 单位：mm

公制螺纹 M Metric thread	英制螺纹 G Inch screw threads	电缆外径 Outer diameter cable		螺纹长度 L1 Thread length	接合长度 H Length	产品编号 Code
		进线 A Incoming line	出线 B Outgoing line			
M16×1.5	G3/8	7—15	5—8	15	53	HX-EX5.M16
M20×1.5	G1/2	8—15	5—12	15	53	HX-EX5.M20
M25×1.5	G3/4	11—20	8—16	15	53	HX-EX5.M25
M32×1.5	G1	14-27	11—20	17	60	HX-EX5.M32
M40×1.5	G1 1/4	19-33	14—27	17	70	HX-EX5.M40
M50×1.5	G1 1/2	22—40	16—33	17	78	HX-EX5.M50
M63×1.5	G2	29—50	29—43	17	82	HX-EX5.M63
M75×1.5	G2 1/2	35—63	38—57	17	82	HX-EX5.M75
M85×1.5	G3S	41—77	38—72	18	82	HX-EX5.M85
M90×1.5	G3	41-77	38—72	18	82	HX-EX5.M90
M100×1.5	G4S	55-90	48—83	18	90	HX-EX5.M100
M110×1.5	G4	61—104	48—94	18	100	HX-EX5.M110

依据可以安装要求：可提供 GL 螺纹加长
Customization:Accept lengthen GL thread.

双密封、非铠装防爆填料函

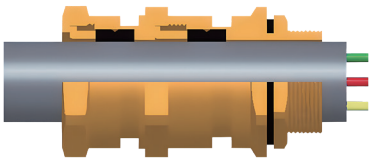
Single Sealed And Non-Armored Explosion-Proof Cable Gland

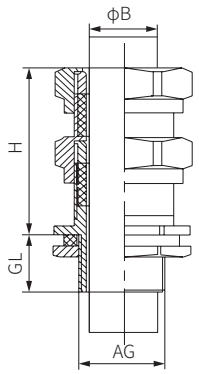
HX-EX6.CT-KDSI

CE ROHS IP68 REACH ICEEX

材质：H62、SS304、316
表面：镀镍、钝化
密封件：氯丁橡胶
防爆标志：Exd II c Gb , Exe II c Gb, Ex tD A21
工作温度：　V0(UL94)
防护等级：IP68-10 巴压力 (旋紧部件)
工作温度：静态 -40°C ~100°C短时 120°C
动态 -20°C ~80°C短时 100°C
不含卤化物
环境场合：高温、恶劣

Material：H62、SS304、316
Surface treatment：nickel plating, passivation
Sealing materials：Neoprene
Explosion-proof mark：Exd II c Gb , Exe I c Gb, Ex tD A21
Fireproof classification：V0(UL94)
Protection grade：P68-10 bars,(screwed-on part)
Working temperature：Static from -40°C to 100°C , short time 120°C
Dynamic from -20°C to 80°C°C ,short time 100°C
Without halide
Environmental conditions: high-temperature and atrocious





规格参数 单位：mm

AG	外护套 ΦB Outer sheath ΦB	H	GL	SW	产品编号 Code
M20×1.5	Φ6.0-Φ10.0	56	15	24	HX-EX6.CT-KDSI-1-M20
M20×1.5	Φ9.0-Φ14.0	60	15	28	HX-EX6.CT-KDSI-2-M20
M25×1.5	Φ13.0-Φ19.0	60	15	34	HX-EX6.CT-KDSI-3-M25
M32×1.5	Φ18.0-Φ25.0	65	15	42	HX-EX6.CT-KDSI-4-M32
M40×1.5	Φ24.0-Φ33.0	70	15	52	HX-EX6.CT-KDSI-5-M40
M50×1.5	Φ32.0-Φ42.0	76	16	62	HX-EX6.CT-KDSI-6-M50
M63×1.5	Φ41.0-Φ52.0	77	16	73	HX-EX6.CT-KDSI-7-M63
M75×1.5	Φ51.0-Φ63.0	86	18	86	HX-EX6.CT-KDSI-8-M75
M87×2.0	Φ62.0-Φ75.0	94	18	101	HX-EX6.CT-KDSI-9-M87
M100×2.0	Φ74.0-Φ89.0	103	18	118	HX-EX6.CT-KDSI-10-M100

依据客户安装要求：可提供 GL 螺纹加长
According to the customer’s requirements the extended GL screws threads are available

双密封、非铠装防爆填料函

Single Sealed And Non-Armored Explosion-Proof Cable Gland

AG	外护套 ΦB Outer sheath ΦB	H	GL	SW	产品编号 Code
G½"	Φ6.0-Φ10.0	56	15	24	HX-EX6.CT-KDSI-1-G½"
G½"	Φ9.0-Φ14.0	60	15	28	HX-EX6.CT-KDSI-2-G½"
G¾"	Φ13.0-Φ19.0	60	15	34	HX-EX6.CT-KDSI-3-G¾"
G1"	Φ18.0-Φ25.0	65	15	42	HX-EX6.CT-KDSI-4-G1"
G1¼"	Φ24.0-Φ33.0	70	15	52	HX-EX6.CT-KDSI-5-G1¼"
G1½"	Φ32.0-Φ42.0	76	16	62	HX-EX6.CT-KDSI-6-G1½"
G2"	Φ41.0-Φ52.0	77	16	73	HX-EX6.CT-KDSI-7-G2"
G2½"	Φ51.0-Φ63.0	86	18	86	HX-EX6.CT-KDSI-8-G2½"
G3"	Φ62.0-Φ75.0	94	18	101	HX-EX6.CT-KDSI-9-G3"
G4"	Φ74.0-Φ89.0	103	18	118	HX-EX6.CT-KDSI-10-G4"

依据客户安装要求：可提供 GL 螺纹加长
According to the customer’s requirements the extended GL screws threads are available

AG	外护套 ΦB Outer sheath ΦB	H	GL	SW	产品编号 Code
NPT½"	Φ6.0-Φ10.0	56	15	24	HX-EX6.CT-KDSI-1-NPT½"
NPT½"	Φ9.0-Φ14.0	60	15	28	HX-EX6.CT-KDSI-2-NPT½"
NPT¾"	Φ13.0-Φ19.0	60	15	34	HX-EX6.CT-KDSI-3-NPT¾"
NPT1"	Φ18.0-Φ25.0	65	15	42	HX-EX6.CT-KDSI-4-NPT1"
NPT1¼"	Φ24.0-Φ33.0	70	15	52	HX-EX6.CT-KDSI-5-NPT1¼"
NPT1½"	Φ32.0-Φ42.0	76	16	62	HX-EX6.CT-KDSI-6-NPT1½"
NPT2"	Φ41.0-Φ52.0	77	16	73	HX-EX6.CT-KDSI-7-NPT2"
NPT2½"	Φ51.0-Φ63.0	86	18	86	HX-EX6.CT-KDSI-8-NPT2½"
NPT3"	Φ62.0-Φ75.0	94	18	101	HX-EX6.CT-KDSI-9-NPT3"
NPT4"	Φ74.0-Φ89.0	103	18	118	HX-EX6.CT-KDSI-10-NPT4"

依据客户安装要求：可提供 GL 螺纹加长
According to the customer’s requirements the extended GL screws threads are available

单密封、非铠装防爆填料函

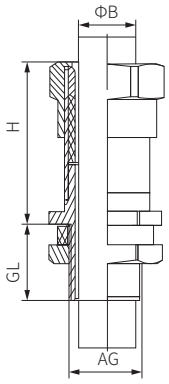
Single Sealed And Non-Armored Explosion-Proof Cable Gland

HX-EX7.CT-KDDI

CE ROHS IP68 REACH ICEEX

材质：H62、SS304、316
表面：镀镍、钝化
密封件：氯丁橡胶
防爆标志：Exd ll c Gb , Exe ll c Gb, Ex tD A21
工作温度：V0(UL94)
防护等级：IP68-10 巴压力 (旋紧部件)
工作温度：静态 -40°C ~100°C短时 120°C
动态 -20°C ~80°C短时 100°C
不含卤化物
环境场合：高温、恶劣

Material：H62、SS304、316
Surface treatment：nickel plating, passivation
Sealing materials：Neoprene
Explosion-proof mark：Exd ll c Gb , Exe l c Gb, Ex tD A21
Fireproof classification：V0(UL94)
Protection grade：P68-10 bars,(screwed-on part)
Working temperature：Static from -40°C to 100°C , short time 120°C
Dynamic from -20°C to 80°C°C ,short time 100°C
Without halide
Environmental conditions: high-temperature and atrocious



规格参数 单位：mm

AG	外护套 ΦB Outer sheath ΦB	H	GL	SW	产品编号 Code
M20×1.5	Φ6.0-Φ10.0	32	15	24	HX-EX7.CT-KDDI-1-M20
M20×1.5	Φ9.0-Φ14.0	34	15	28	HX-EX7.CT-KDDI-2-M20
M25×1.5	Φ13.0-Φ19.0	34	15	34	HX-EX7.CT-KDDI-3-M25
M32×1.5	Φ18.0-Φ25.0	37	15	42	HX-EX7.CT-KDDI-4-M32
M40×1.5	Φ24.0-Φ33.0	40	15	52	HX-EX7.CT-KDDI-5-M40
M50×1.5	Φ32.0-Φ42.0	43	16	62	HX-EX7.CT-KDDI-6-M50
M63×1.5	Φ41.0-Φ52.0	44	16	73	HX-EX7.CT-KDDI-7-M63
M75×1.5	Φ51.0-Φ63.0	49	18	86	HX-EX7.CT-KDDI-8-M75
M87×2.0	Φ62.0-Φ75.0	54	18	101	HX-EX7.CT-KDDI-9-M87
M100×2.0	Φ74.0-Φ89.0	59	18	118	HX-EX7.CT-KDDI-10-M100

依据客户安装要求：可提供 GL 螺纹加长
According to the customer’s requirements the extended GL screws threads are available

单密封、非铠装防爆填料函

Single Sealed And Non-Armored Explosion-Proof Cable Gland

AG	外护套 ΦB Outer sheath ΦB	H	GL	SW	产品编号 Code
G½"	Φ6.0-Φ10.0	32	15	24	HX-EX7.CT-KDDI-1-G½"
G½"	Φ9.0-Φ14.0	34	15	28	HX-EX7.CT-KDDI-2-G½"
G¾"	Φ13.0-Φ19.0	34	15	34	HX-EX7.CT-KDDI-3-G¾"
G1"	Φ18.0-Φ25.0	37	15	42	HX-EX7.CT-KDDI-4-G1"
G1¼"	Φ24.0-Φ33.0	40	15	52	HX-EX7.CT-KDDI-5-G1¼"
G1½"	Φ32.0-Φ42.0	43	16	62	HX-EX7.CT-KDDI6-G1½"
G2"	Φ41.0-Φ52.0	44	16	73	HX-EX7.CT-KDDI-7-G2"
G2½"	Φ51.0-Φ63.0	49	18	86	HX-EX7.CT-KDDI-8-G2½"
G3"	Φ62.0-Φ75.0	54	18	101	HX-EX7.CT-KDDI-9-G3"
G4"	Φ74.0-Φ89.0	59	18	118	HX-EX7.CT-KDDI-10-G4"

依据客户安装要求：可提供 GL 螺纹加长
According to the customer’s requirements the extended GL screws threads are available

AG	外护套 ΦB Outer sheath ΦB	H	GL	SW	产品编号 Code
NPT½"	Φ6.0-Φ10.0	32	15	24	HX-EX7.CT-KDDI-1-NPT½"
NPT½"	Φ9.0-Φ14.0	34	15	28	HX-EX7.CT-KDDI-2-NPT½"
NPT¾"	Φ13.0-Φ19.0	34	15	34	HX-EX7.CT-KDDI-3-NPT¾"
NPT1"	Φ18.0-Φ25.0	37	15	42	HX-EX7.CT-KDDI-4-NPT1"
NPT1¼"	Φ24.0-Φ33.0	40	15	52	HX-EX7.CT-KDDI-5-NPT1¼"
NPT1½"	Φ32.0-Φ42.0	43	16	62	HX-EX7.CT-KDDI-6-NPT1½"
NPT2"	Φ41.0-Φ52.0	44	16	73	HX-EX7.CT-KDDI-7-NPT2"
NPT2½"	Φ51.0-Φ63.0	49	18	86	HX-EX7.CT-KDDI-8-NPT2½"
NPT3"	Φ62.0-Φ75.0	54	18	101	HX-EX7.CT-KDDI-9-NPT3"
NPT4"	Φ74.0-Φ89.0	59	18	118	HX-EX7.CT-KDDI-10-NPT4"

依据客户安装要求：可提供 GL 螺纹加长
According to the customer’s requirements the extended GL screws threads are available

BW 铠装电缆接头

BW Cable Gland

Hoonsun

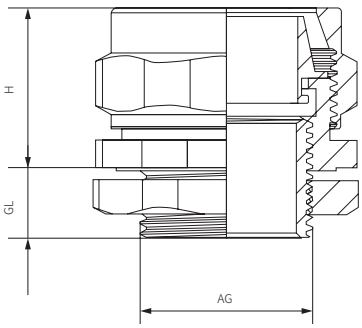
Eighteen years for only one thing!

HX-BW

CE ROHS Ex IP54 REACH

材质：镀镍黄铜
防水等级：IP54-10 巴压力
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C

Material：Nickel-plated brass
Protection degree：IP54-10 bar
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



Sealing Nut
迫紧螺帽

Vertebrae
锥体

Body
主体

Screw thread
螺纹件

Lock Nut
螺母

规格参数 单位：mm

规格 Item	螺纹 Thread	适用范围 Φ Range		螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
		最小直径 Min.	最大直径 Max.					
BW-0	M20×1.5	12.6	16.5	10	20	23	22	HX-BW0
BW-1	M20×1.5	15.9	19.0	10	20	26	27/25/24	HX-BW1
BW-2	M25×1.5	20.6	26.5	10	25	29	35	HX-BW2
BW-3	M32×1.5	26.5	33.0	10	32	32	40	HX-BW3
BW-4	M40×1.5	34.9	40.5	15	40	36	50	HX-BW4
BW-5	M50×1.5	44.5	51.0	15	50	45	64	HX-BW5
BW-6	M63×1.5	57.0	67.0	15	63	50	82	HX-BW6
BW-7	M75×2	68.0	79.5	15	75	60	96	HX-BW7
BW-8	M82×2	74.0	83.0	15	82	65	100	HX-BW8
BW-9	M90×2	82.0	91.0	15	90	69	110	HX-BW9
BW-10	M100×2	93.0	100.0	15	100	88	120	HX-BW10

BWL 铠装电缆接头

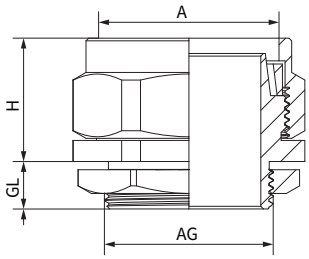
BWL Cable Gland

HX-BWL

CE ROHS Ex IP54 REACH

材质：黄铜
防水等级：IP54
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C

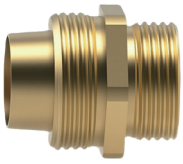
Material：Brass
Protection degree：IP54
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



Sealing Nut
迫紧螺帽

Taper sleeve
锥套

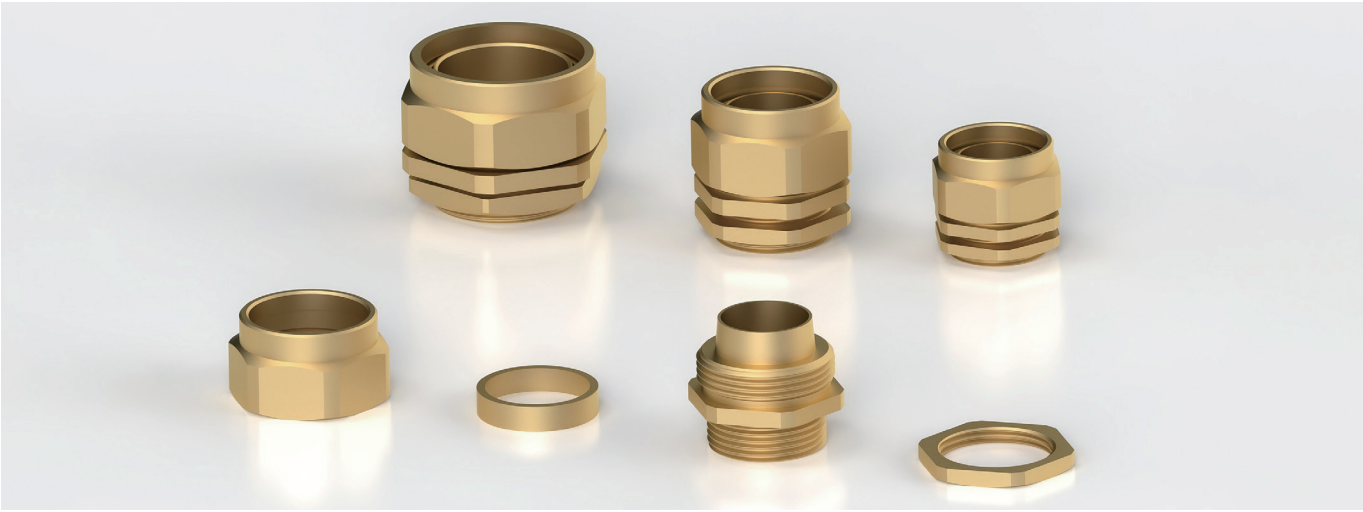
Body
主体



Lock Nut
螺母

规格参数 单位：mm

螺纹 Thread	适用范围 Φ Range		螺纹长度 GL Thread Length	螺纹外径 AG Thread O.D.	接合长度 H Joint Length	扳手径 Spanner size	产品编号 Code
	最小直径 Min.	最大直径 Max.					
M20×1.5	14	21.1	10	20	17	24	HX-BWL-20L
M20×1.5	11.7	16.1	10	20	17	22/23	HX-BWL-20S
M25×1.5	20	27	10	25	23	34	HX-BWL-25L
M25×1.5	19	24	10	25	23	31	HX-BWL-25S
M32×1.5	26.2	33	10	32	23	40	HX-BWL-32L
M32×1.5	24	30.5	10	32	23	36	HX-BWL-32S
M40×1.5	32.5	41	10	40	25	45/48	HX-BWL-40L
M40×1.5	30	37	10	40	25	45	HX-BWL-40S
M50×1.5	44.1	55.7	15	50	32	55/63	HX-BWL-50L
M50×1.5	38.2	50.1	15	50	30	55	HX-BWL-50S
M63×1.5	56	68.2	15	63	38	78	HX-BWL-63L
M63×1.5	50	62.4	15	63	38	68/72	HX-BWL-63S



防爆电缆夹紧密封接头

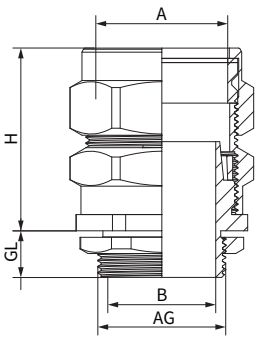
Explosion-Proof Cable Clamp Sealing Joint-CW

HX-CW

CE ROHS Ex IP54 REACH

材质：黄铜
密封件：三元乙丙 / 硅橡胶
防水等级：IP54
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C

Material：Brass
Seals：EPDM/Silastic
Protection degree：IP54
Temperature：Static state:-60 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C



规格参数 单位：mm

公制螺纹 M Metric thread	电缆外径 Outer diameter cable		螺纹长度 L1 Thread length	接合长度 H Length	产品编号 Code
	进线 A Incoming line	出线 B Outgoing line			
M20×1.5	14-20.9	16	10	35	HX-CW-20L
M20×1.5	11.7-15.9	12.5	10	35	HX-CW-20S
M25×1.5	20-27	21.5	10	55	HX-CW-25L
M25×1.5	20-27	18.7	10	55	HX-CW-25S
M32×1.5	26.2-33	27	10	55	HX-CW-32L
M32×1.5	24-30.5	25.3	10	55	HX-CW-32S
M40×1.5	32.5-41	35	11	50	HX-CW-40L
M40×1.5	30-37	34	11	50	HX-CW-40S
M50×1.5	44.1-53.1	45	15	57	HX-CW-50L
M50×1.5	38.2-46.7	40	15	56	HX-CW-50S
M63×1.5	50-59.4	59	15	68	HX-CW-63L

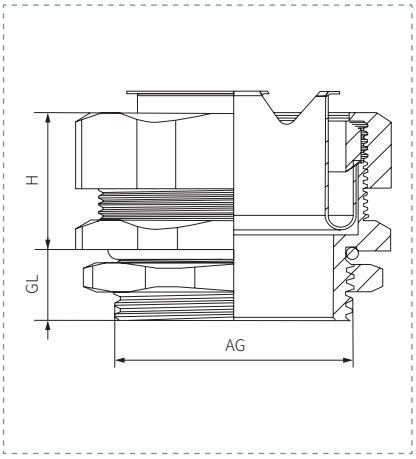
端式软管接头
Ended Hose Fittings

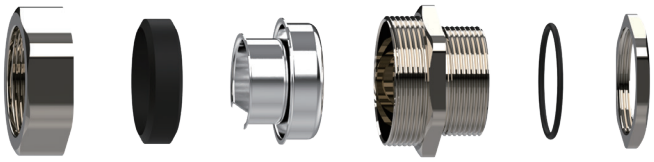
M / G / PG

CE ROHS IP54

材质：黄铜 / 不锈钢 304/316L
密封件：三元乙丙
防水圈：三元乙丙
软管护套：镀锌铁皮 / 不锈钢 304
防护等级：IP54
温度范围：-40°C ~105°C

Material：Nickel-plated brass/SS304/SS316L
Hermetic seal：EPDM
O-Ring：EPDM
Ferrule：Galvanized steel / SS304
Protection degree：IP54
Temperature：-40°C ~105°C





规格参数 单位：mm

公制螺纹 Metric	适配软管尺寸 For conduit size		螺纹长度 GL Thread Length	扳手尺寸 Spanner size	产品编号 Code
	公制 Metric	英制 Inch			
M12×1.5	Φ6	3/16”	7	18/16	HX-RG.M12-Φ6
M16×1.5	Φ8	1/4”	7	24/22	HX-RG.M16-Φ8
M16×1.5	Φ10	5/16”	7	24/22	HX-RG.M16-Φ10
M20×1.5	Φ12	3/8”	10	26	HX-RG.M20-Φ12
M20×1.5	Φ15	1/2”	12	30	HX-RG.M20-Φ15
M25×1.5	Φ20	3/4”	12	35	HX-RG.M25-Φ20
M32×1.5	Φ25	1”	14	43	HX-RG.M32-Φ25
M40×1.5	Φ32	1-1/4”	14	52	HX-RG.M40-Φ32
M50×1.5	Φ38	1-1/2”	16	60	HX-RG.M50-Φ38
M63×1.5	Φ50	2”	16	75	HX-RG.M63-Φ50
M76×2	Φ64	2-1/2”	24	89/87	HX-RG.M76-Φ64
M88×2	Φ75	3”	25	102/97	HX-RG.M88-Φ75
M114×2	Φ100	4”	25	133/128	HX-RG.M114-Φ100
M140×2	Φ125	5”	25	158	HX-RG.M140-Φ125
M164×2	Φ150	6”	25	183	HX-RG.M164-Φ150

带锁紧金属软管接头

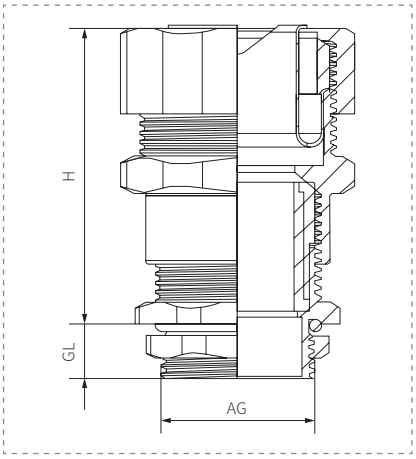
Locking Metal Hose Joint

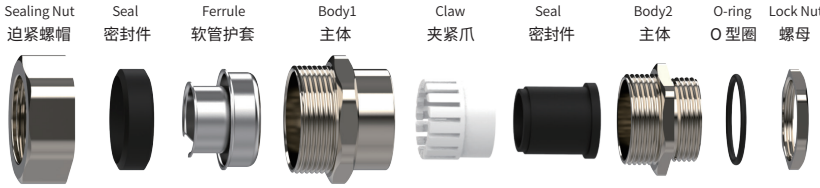
PG

CE ROHS IP68

材质：黄铜 / 不锈钢 304/316L
密封件：三元乙丙
夹紧爪：PA66
软管护套：镀锌铁皮 / 不锈钢
防水圈：三元乙丙
防护等级：IP68
温度范围：-40°C到 100°C短时间达 120°C

Material：Nickel-plated brass/SS304/316L
Hermetic seal：EPDM
Claw：PA66
Ferrule：Galvanized steel/Stainless steel
O-ring：EPDM
Protection degree：IP68
Temperature：-40°C to 100°C, short time to 120°C



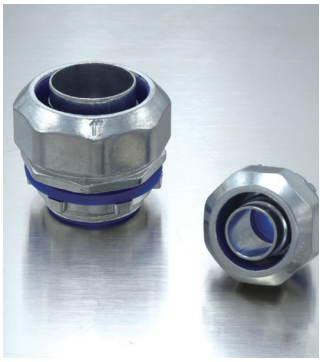


规格参数 单位：mm

规格 Item	适配软管 Conduit Size	适用范围 Range	螺纹长度 GL Thread Length	扳手径 Spanner size	产品编号 Code
PG7	Φ8	3-6.5	6.5	20/18/14/15	HX-SR.PG7-6.5-Φ8
PG9	Φ10	4-8	8	24/22/18/18	HX-SR.PG9-8-Φ10
PG11	Φ12	5-10	8	27/24/20/21	HX-SR.PG11-10-Φ12
PG13.5	Φ15	6-12	8	30/27/22/23	HX-SR.PG13.5-12-Φ15
PG16	Φ15	10-14	8	30/27/24/25	HX-SR.PG16-14-Φ15
PG21	Φ20	13-18	9	35/30/27	HX-SR.PG21-18-Φ20
PG29	Φ25	15-22	10	43/40/35/35	HX-SR.PG29-22-Φ25
PG36	Φ32	22-30	11	50/45/45	HX-SR.PG36-30-Φ32
PG42	Φ50	32-38	13	72/57/55	HX-SR.PG42-38-Φ50
PG48	Φ50	37-44	14	72/64/64	HX-SR.PG48-44-Φ50
M12*1.5	Φ8	3-6.5	6.5	20/18/14	HX-SR.M12-6.5-Φ8
M16*1.5	Φ10	4-8	8	24/22/18	HX-SR.M16-8-Φ10
M18*1.5	Φ12	5-10	8	27/24/20	HX-SR.M18-10-Φ12
M20*1.5	Φ15	6-12	8	30/27/22	HX-SR.M20-12-Φ15
M20*1.5	Φ15	6-12	8	30/27/22	HX-SR.M20-12-Φ15
M22*1.5	Φ15	10-14	8	30/27/24	HX-SR.M22-14-Φ15
M24*1.5	Φ15	10-14	8	30/27/27	HX-SR.M24-14-Φ15
M25*1.5	Φ15	10-14	9	30/27/27	HX-SR.M25-14-Φ15
M25*1.5	Φ20	13-18	9	35/30/27	HX-SR.M25-18-Φ20
M32*1.5	Φ20	13-18	9	35/35/35	HX-SR.M32-18-Φ20
M32*1.5	Φ25	15-22	10	43/40/35	HX-SR.M32-22-Φ25
M36*2	Φ25	15-22	10	43/40/40	HX-SR.M36-22-Φ25
M40*1.5	Φ32	22-30	11	50/45/45	HX-SR.M40-30-Φ32
M40*1.5	Φ38	22-30	11	57/45/45	HX-SR.M40-30-Φ38
M48*1.5	Φ38	25-33	11	57/50/52	HX-SR.M48-33-Φ38
M50*1.5	Φ50	32-38	13	72/57/55	HX-SR.M50-38-Φ50
M56*2	Φ50	32-38	13	72/60/60	HX-SR.M56-38-Φ50
M60*1.5	Φ50	37-44	14	72/64/64	HX-SR.M60-44-Φ50
M63*1.5	Φ50	37-44	14	72/68/68	HX-SR.M63-44-Φ50

锌合金软管接头
Zinc Alloy Hose Joint

Liquid-tight Connector



Zinc Die Cast	
CODE	SIZE
LTC-40	3/8"
LTC-50	1/2"
LTC-75	3/4"
LTC-100	1"
LTC-125	1-1/4"
LTC-150	1-1/2"
LTC-200	2"
LTC-250	2-1/2"
LTC-300	3"
LTC-400	4"

Liquid-tight Connector 90°

Zinc Die Cast	
CODE	SIZE
LTCE-40	3/8"
LTCE-50	1/2"
LTCE-75	3/4"
LTCE-100	1"
LTCE-125	1-1/4"
LTCE-150	1-1/2"
LTCE-200	2"
LTCE-250	2-1/2"
LTCE-300	3"
LTCE-400	4"

Flexible Conduit Connector

Zinc Die Cast -Flex To Box	
CODE	SIZE
DPJ-12	3/8"
DPJ-15	1/2"
DPJ-20	3/4"
DPJ-25	1"
DPJ-32	1-1/4"
DPJ-38	1-1/2"
DPJ-50	2"
DPJ-64	2-1/2"
DPJ-75	3"
DPJ-100	4"

Flexible Conduit Female Connector

Zinc Die cast -Flex to IMC x	
CODE	SIZE
DPN-12	3/8"
DPN-15	1/2"
DPN-20	3/4"
DPN-25	1"
DPN-32	1-1/4"
DPN-38	1-1/2"
DPN-50	2"
DPN-64	2-1/2"
DPN-75	3"
DPN-100	4"

Flexible Conduit Connector

Zinc Die cast -Flex to EMT	
CODE	SIZE
DKJ-12	3/8"
DKJ-15	1/2"
DKJ-20	3/4"
DKJ-25	1"
DKJ-32	1-1/4"
DKJ-38	1-1/2"
DKJ-50	2"
DKJ-64	2-1/2"
DKJ-75	3"
DKJ-100	4"

Flexible Conduit Connector

Zinc Die Cast-Flex To Box ,Plum Type	
CODE	SIZE
MPJ-12	3/8"
MPJ-15	1/2"
MPJ-20	3/4"
MPJ-25	1"
MPJ-32	1-1/4"
MPJ-38	1-1/2"
MPJ-50	2"
MPJ-64	2-1/2"
MPJ-75	3"
MPJ-100	4"

Flexible Conduit Connector -- 90°

Zinc Die Cast -Flex To Box	
CODE	SIZE
DWJ-12	3/8"
DWJ-15	1/2"
DWJ-20	3/4"
DWJ-25	1"
DWJ-32	1-1/4"
DWJ-38	1-1/2"
DWJ-50	2"
DWJ-64	2-1/2"
DWJ-75	3"
DWJ-100	4"

Flex to Tube/ Flex to Flex /Tube to

Tube Compression Coupling	
Zinc die cast -flex to EMT /rigid	
CODE	SIZE
DGJ-15FT/FF/TT	1/2"
DGJ-20FT/FF/TT	3/4"
DGJ-25FT/FF/TT	1"
DGJ-32FT/FF/TT	1-1/4"
DGJ-38FT/FF/TT	1-1/2"
DGJ-50FT/FF/TT	2"

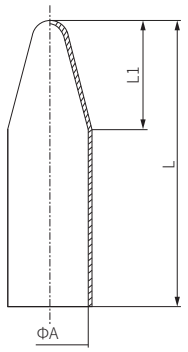
PVC 护套

PVC Sheath

HX-PVC ROHS

用于保护格兰头外表尽可能减少灰尘或外物在格兰头上的聚集，标准材质为 PVC，标准颜色为黑色。软质 PVC 具有阻燃性和环保性，我们可以提供定制化的低烟无卤。

Used to protect the appearance of the cable gland, minimizing the accumulation of dust or foreign objects on the cable gland. The standard material is PVC and the standard color is black. Soft PVC is flame retardant and environmentally friendly. We can provide customized low-smoke halogen-free products.



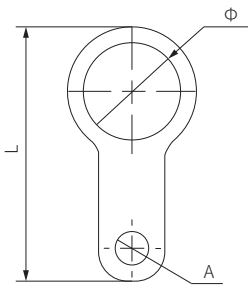
适配格兰仅供参考 Fit Gran is for reference only			Φ/A mm	L mm	L1 mm	产品编号 Code
M	G	NPT				
M12	/	/	17	99	30	HX-PVC.Φ17
M16	/	/	19.5	103	40	HX-PVC.Φ19.5
M16	G1/2	NPT1/2	24	110	40	HX-PVC.Φ24
M20	G1/2	NPT1/2	25	115	45	HX-PVC.Φ25
M20	G1/2	NPT1/2	26.8	105	47	HX-PVC.Φ26.8
M20	G1/2	NPT1/2	27	117	37	HX-PVC.Φ27
M25	G3/4	NPT3/4	33	120	55	HX-PVC.Φ33
M25	G3/4	NPT3/4	34	130	50	HX-PVC.Φ34
M32	G1	NPT1	38	130	50	HX-PVC.Φ38
M32	G1	NPT1	40	140	50	HX-PVC.Φ40
M40	G1 1/4	NPT1 1/4	48.5	145	55	HX-PVC.Φ48.5
M40	G1 1/4	NPT1 1/4	51	135	55	HX-PVC.Φ51
M50	G1 1/2	NPT1 1/2	58.5	150	61	HX-PVC.Φ58.5
M50	G1 1/2	NPT1 1/2	60.5	185	65	HX-PVC.Φ60.5
M63	G2	NPT2	71.5	165	65	HX-PVC.Φ71.5
M63	G2	NPT2	73	210	67	HX-PVC.Φ73
M72	G2 1/2	NPT2 1/2	82	180	75	HX-PVC.Φ82
M75	G2 1/2	NPT2 1/2	88	200	70	HX-PVC.Φ88
M88	G3	NPT3	98	213	78	HX-PVC.Φ98
M88	G3	NPT3	108	205	85	HX-PVC.Φ108
M100	G3 1/2	NPT3 1/2	115	195	85	HX-PVC.Φ115
M110	G4	NPT4	128	225	90	HX-PVC.Φ128
M115	G4	NPT4	135	230	95	HX-PVC.Φ135
/	/	/	145	250	100	HX-PVC.Φ145

接地片
Grounding Plate

HX-JDP ROHS

接地片主要用于电气连接和接地，起到安全接地以防止触电事故、降低设备外壳电位、信号接地以提供稳定参考电位、减少电磁干扰等作用。

The grounding strip is mainly used for electrical connection and grounding. It plays a role in safety grounding to prevent electric shock accidents, reduce the potential of equipment enclosures, provide a stable reference potential for signal grounding, and reduce electromagnetic interference.



适配格兰仅供参考 Fit Gran is for reference only M	Φ	A	L	厚度 Thickness	产品编号 Code
M12	12	6	38.5	1.0	HX-JDP.Φ12
M16	16	6	44.0	1.0	HX-JDP.Φ16
M20	20	6	48.0	1.0	HX-JDP.Φ20
M25	25	6	57.0	1.0	HX-JDP.Φ25
M32	32	6	67.0	1.0	HX-JDP.Φ32
M40	40	6	77.0	1.0	HX-JDP.Φ40
M50	50	8	90.5	1.5	HX-JDP.Φ50
M63	63	8	114.0	1.5	HX-JDP.Φ63
M75	75	8	131.0	1.5	HX-JDP.Φ75
M90	90	10	158.0	2.0	HX-JDP.Φ90
M100	100	10	189.0	2.0	HX-JDP.Φ100

金属扩增环
Metal Enlarger

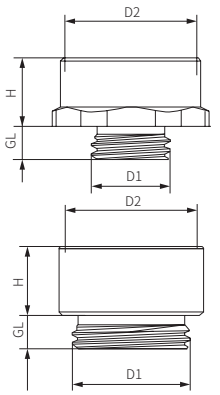
Hoonsun
Eighteen years for only one thing!

M / PG

CE ROHS IP54

材质：镀镍黄铜
防水圈：三元乙丙、硅橡胶等
防水等级：IP54
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C

Material：Nickel-plated brass
O-Ring：EPDM、Silicone rubber
Protection degree：IP54
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



六角
Hexagonal

圆形
Round

规格 Item	螺纹 Thread		螺纹长度 GL	高度 H Joint Length	扳手径 Spanner size	产品编号 Code
	Outer-D1	Inner-D2				
M12-M16	M12×1.5	M16×1.5	5	10.5	18	HX-RE.M12-M16
M16-M20	M16×1.5	M20×1.5	5	10.5	22	HX-RE.M16-M20
M20-M25	M20×1.5	M25×1.5	6	11.5	27	HX-RE.M20-M25
M25-M32	M25×1.5	M32×1.5	7	12	35	HX-RE.M25-M32
M32-M40	M32×1.5	M40×1.5	7	13	42	HX-RE.M32-M40
M40-M50	M40×1.5	M50×1.5	8	16	52	HX-RE.M40-M50
M50-M63	M50×1.5	M63×1.5	9	17	68	HX-RE.M50-M63
PG7-PG9	PG7	PG9	5	10	17	HX-RE.PG7-PG9
PG9-PG11	PG9	PG11	6	10.5	20	HX-RE.PG9-PG11
PG11-PG13.5	PG11	PG13.5	6	12.5	22	HX-RE.PG11-PG13.5
PG13.5-PG16	PG13.5	PG16	6.5	11	24	HX-RE.PG13.5-PG16
PG16-PG21	PG16	PG21	6.5	14.5	30	HX-RE.PG16-PG21
PG21-PG29	PG21	PG29	8	11	39	HX-RE.PG21-PG29
PG29-PG36	PG29	PG36	8	14	50	HX-RE.PG29-PG36
PG36-PG42	PG36	PG42	9	15	57	HX-RE.PG36-PG42
PG42-PG48	PG42	PG48	9	16	64	HX-RE.PG42-PG48

金属减缩环
Metal Reducer

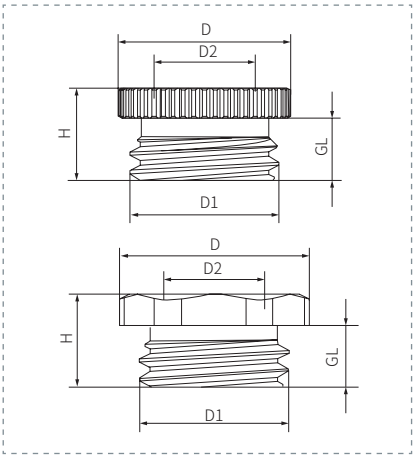
Hoonsun
Eighteen years for only one thing!

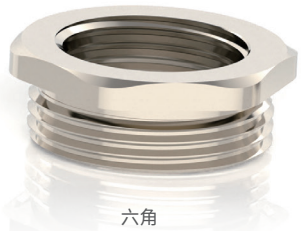
M / PG

CE ROHS IP54

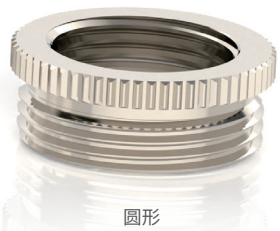
材质：镀镍黄铜
防水圈：三元乙丙、硅橡胶等
防水等级：IP54
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C

Material：Nickel-plated brass
O-Ring：EPDM、Silicone rubber
Protection degree：IP54
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C



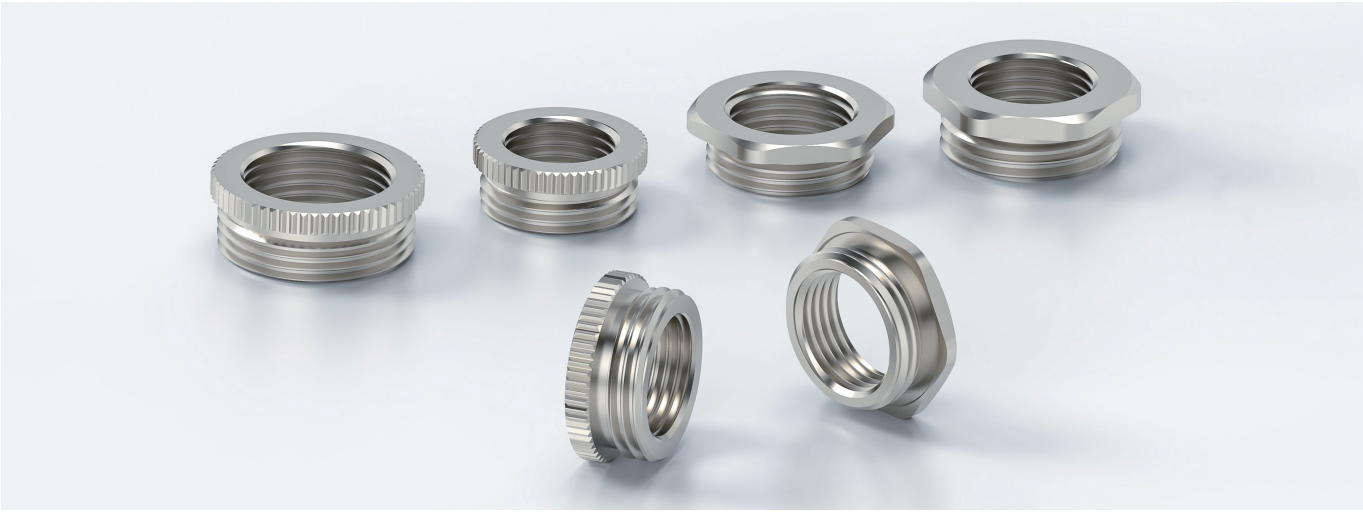


六角
Hexagonal



圆形
Round

规格 Item	螺纹 Thread		螺纹长度 GL	高度 H Joint Length	扳手径 Spanner size	产品编号 Code
	Outer-D1	Inner-D2				
M16-M12	M16×1.5	M12×1.5	5	7.5	18	HX-RE.M16-M12
M20-M16	M20×1.5	M16×1.5	6	9	22	HX-RE.M20-M16
M25-M20	M25×1.5	M20×1.5	7	10	27	HX-RE.M25-M20
M32-M25	M32×1.5	M25×1.5	8	11	35	HX-RE.M32-M25
M40-M32	M40×1.5	M32×1.5	8	11.5	45	HX-RE.M40-M32
M50-M40	M50×1.5	M40×1.5	9	12.5	55	HX-RE.M50-M40
M63-M50	M63×1.5	M50×1.5	10	14	68	HX-RE.M63-M50
PG9-PG7	PG9	PG7	6	8.5	17	HX-RE.PG9-PG7
PG11-PG9	PG11	PG9	6	8.5	20	HX-RE.PG11-PG9
PG13.5-PG11	PG13.5	PG11	6.5	9	22	HX-RE.PG13.5-PG11
PG16-PG13.5	PG16	PG13.5	6.5	9.5	24	HX-RE.PG16-PG13.5
PG21-PG16	PG21	PG16	7.0	10.0	30	HX-RE.PG21-PG16
PG29-PG21	PG29	PG21	8	11.5	40	HX-RE.PG29-PG21
PG36-PG29	PG36	PG29	9	12.5	50	HX-RE.PG36-PG29
PG42-PG36	PG42	PG36	10	14	57	HX-RE.PG42-PG36
PG48-PG42	PG48	PG42	10	14	64	HX-RE.PG48-PG42



金属内螺纹连接套

Metal female threaded connection sleeve

M/PG/G

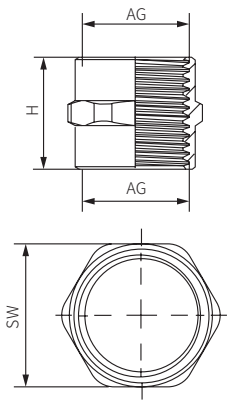
CE ROHS REACH

材质：黄铜镀镍 / 不锈钢 / 铝合金

性能：通过 ROHS 测试

Material：Brass Nickel-Plated/Stainless Steel/Aluminum Alloy

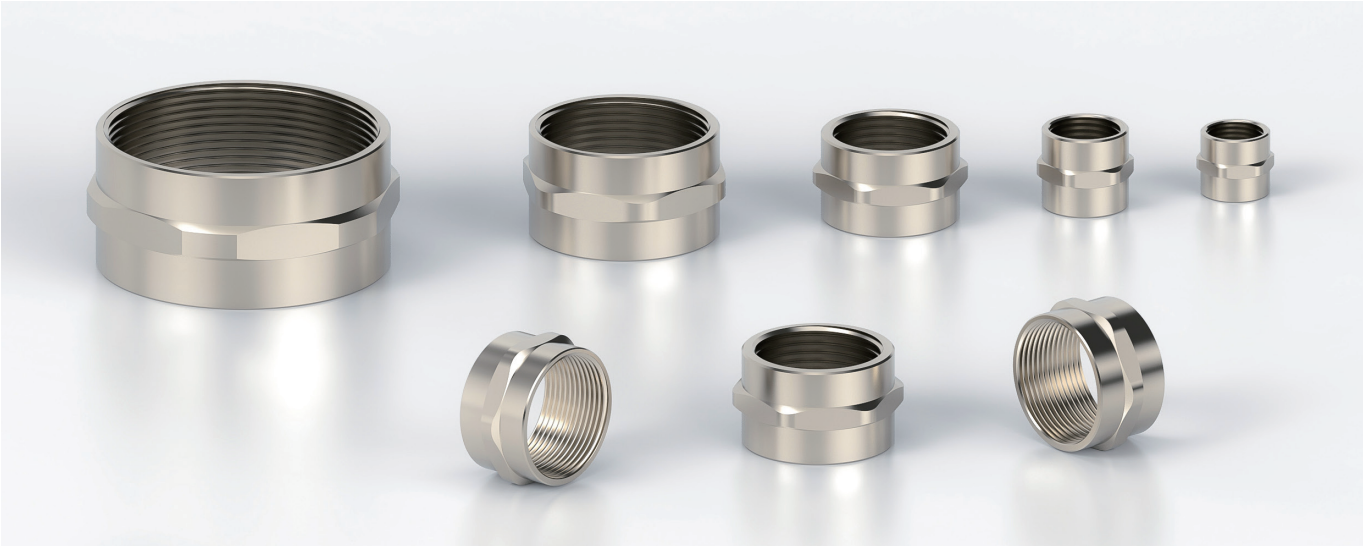
Surface Treatment：Passed ROHS Test



规格参数 单位：mm

内螺纹规格 AG Inner Thread	总长度 L Total Length	扳手尺寸 SW Wrench Size	产品编号 Code
M10×1.5	16	12	HX-LJT.M10
M12×1.5	16	14	HX-LJT.M12
M16×1.5	18	18	HX-LJT.M16
M18×1.5	22	21	HX-LJT.M18
M20×1.5	22	23	HX-LJT.M20
M24×1.5	22	27	HX-LJT.M24
M25×1.5	22	28	HX-LJT.M25
M27×1.5	22	30	HX-LJT.M27
M32×1.5	24	36	HX-LJT.M32
M36×1.5	28	40	HX-LJT.M36
M40×1.5	30	45	HX-LJT.M40
M48×1.5	35	52	HX-LJT.M48
M50×1.5	35	55	HX-LJT.M50
M63×1.5	42	70	HX-LJT.M63

内螺纹规格 AG Inner Thread	总长度 L Total Length	扳手尺寸 SW Wrench Size	产品编号 Code
PG7	15	15	HX-LJT.PG7
PG9	15	18	HX-LJT.PG9
PG11	18	22	HX-LJT.PG11
PG13.5	22	24	HX-LJT.PG13.5
PG16	22	26	HX-LJT.PG16
PG21	24	32	HX-LJT.PG21
PG29	30	40	HX-LJT.PG29
PG36	35	50	HX-LJT.PG36
PG48	42	65	HX-LJT.PG48
G1/4	18	17	HX-LJT.G1/4
G3/8	20	20	HX-LJT.G3/8
G1/2	22	24	HX-LJT.G1/2
G3/4	24	30	HX-LJT.G3/4
G1	24	38	HX-LJT.G1
G1-1/4	26	45	HX-LJT.G1-1/4
G1-1/2	30	52	HX-LJT.G1-1/2
G2	38	65	HX-LJT.G2
G2-1/2	38	80	HX-LJT.G2-1/2
G3	40	100	HX-LJT.G3



金属塞帽
Metal Plug Cap

M / PG

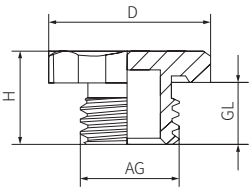
CE ROHS IP68

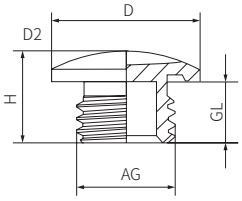
材质:镀镍黄铜
防水圈: 三元乙丙、硅橡胶等
防水等级: IP68
工作温度: 静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C

Material:Nickel-plated brass
O-Ring: EPDM、Silicone rubber
Protection degree: IP68
Temperature: Static state:-60 to 100°C ,Short time to 120°C
Dynamic state:-20°C to 80°C ,Short time to 100°C

圆形
Round

六角
Hexagonal





规格 Item	螺纹长度 GL	高度 H Joint Length	扳手径 Spanner Size	产品编号 Code
PG7	5	8	14	HX-SC.PG7
PG9	6	9	18	HX-SC.PG9
PG11	6	9	20	HX-SC.PG11
PG13.5	6.5	9.5	22	HX-SC.PG13.5
PG16	6.5	9.5	24	HX-SC.PG16
PG21	7.5	11	30	HX-SC.PG21
PG29	8	12	40	HX-SC.PG29
PG36	9	15	52	HX-SC.PG36
PG42	10	16	57	HX-SC.PG42
PG48	10	16	64	HX-SC.PG48
M8×1	5	7.5	12	HX-SC.M8
M10×1	5	8	12	HX-SC.M10
M12×1.5	5	8	14	HX-SC.M12
M16×1.5	6	9	18	HX-SC.M16
M18×1.5	6	9	20	HX-SC.M18
M20×1.5	6.5	9.5	22	HX-SC.M20
M22×1.5	6.5	9.5	24	HX-SC.M22
M24×1.5	6.5	10	27	HX-SC.M24
M25×1.5	6.5	10	27	HX-SC.M25
M30×1.5	6.5	10	35	HX-SC.M30
M32×1.5	7	11	35	HX-SC.M32
M36×1.5	8	12	40	HX-SC.M36
M40×1.5	8	13	45	HX-SC.M40
M50×1.5	9	15	55	HX-SC.M50
M60×1.5	10	16	64	HX-SC.M60
M63×1.5	10	16	68	HX-SC.M63
M72×2	10	16	78	HX-SC.M72

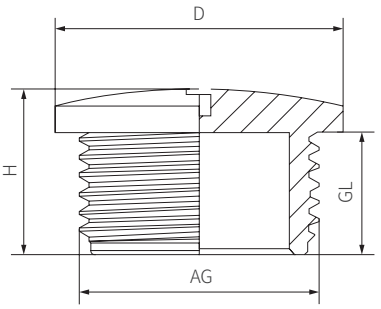
尼龙塞帽
Nylon Plug Cap

M / PG

CE ROHS

材质：尼龙材料 PA6/PA66
O 型圈：三元乙丙、硅橡胶等
工作温度：静态 :-60°C至 100°C 短时间 120°C
动态 :-20°C至 80°C短时间 100°C
颜色定制：灰色、黑色其他颜色可定制

Material：Nylon material PA6/PA66
O-Ring：EPDM、Silicone rubber
Temperature：Static state：-60 to 100°C ,Short time to 120°C
Dynamic state：-20°C to 80°C ,Short time to 100°C
Color customization：Grey，Black，other color customized



型号 Model	螺纹尺寸 Thread size	螺纹长度 GL	螺纹外径 Thread O.D.	高度 (H) Height(H)	扳手尺寸 Spanner size	产品编号 Code
M12	M12x1.5	8.5	12	12.5	15	HX-NLSC.M12
M16	M16x1.5	8.5	16	13.0	19	HX-NLSC.M16
M18	M18x1.5	9.0	18	13.0	22	HX-NLSC.M18
M20	M20x1.5	9.0	20	13.0	25	HX-NLSC.M20
M22	M22x1.5	10.5	22	15.0	27	HX-NLSC.M22
M25	M25x1.5	10.5	25	15.5	29	HX-NLSC.M25
M32	M32x1.5	10.5	32	16.0	38	HX-NLSC.M32
M40	M40x1.5	11.5	40	18.0	46	HX-NLSC.M40
M50	M50x1.5	13.5	50	18.0	56	HX-NLSC.M50
M63	M63x1.5	14.0	63	19.0	68	HX-NLSC.M63
PG7	PG7	8.5	12.5	12.5	15	HX-NLSC.PG7
PG9	PG9	8.5	15.2	13.0	19	HX-NLSC.PG9
PG11	PG11	9.0	18.6	13.0	22	HX-NLSC.PG11
PG13.5	PG13.5	9.0	20.4	13.0	25	HX-NLSC.PG13.5
PG16	PG16	10.5	22.5	15.0	27	HX-NLSC.PG16
PG21	PG21	10.5	28.3	15.5	33	HX-NLSC.PG21
PG29	PG29	11.5	37.0	16.0	44	HX-NLSC.PG29
PG36	PG36	13.5	47.0	18.0	55	HX-NLSC.PG36
PG42	PG42	13.5	54.0	18.5	62	HX-NLSC.PG42
PG48	PG48	14.5	59.3	19.5	68	HX-NLSC.PG48

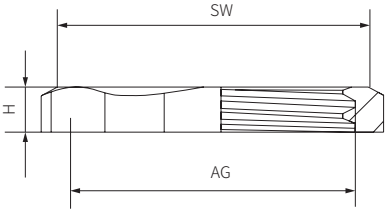
螺母
Locknut

M / PG / G / NPT

CE ROHS

材质：镀镍黄铜
应用：螺纹连接或机板开孔螺母固定

Material：Nickel-plated brass
Application：For use with most electrical fittings



规格 Item	产品编号 Code	厚度 (H) Thickness	扳手径 (SW) Spanner size
M12*1.5	HX-LM.M12	3	14
M14*1.5	HX-LM.M14	3	17
M16*1.5	HX-LM.M16	3	18
M18*1.5	HX-LM.M18	3	20
M20*1.5	HX-LM.M20	3	22
M22*1.5	HX-LM.M22	3.2	24
M24*1.5	HX-LM.M24	3.5	27
M25*1.5	HX-LM.M25	3.5	27
M27*1.5	HX-LM.M27	4	30
M30*1.5	HX-LM.M30	4	32
M32*1.5	HX-LM.M32	4	35
M33*1.5	HX-LM.M33	4	36
M36*1.5	HX-LM.M36	4	40
M37*1.5	HX-LM.M37	4	40
M40*1.5	HX-LM.M40	4.5	45
M42*1.5	HX-LM.M42	5	45
M47*1.5	HX-LM.M47	5.5	50
M48*1.5	HX-LM.M48	5.5	52
M50*1.5	HX-LM.M50	5.5	55
M54*1.5	HX-LM.M54	5.5	57
M60*1.5	HX-LM.M60	6	64
M63*1.5	HX-LM.M63	6	68
M64*2	HX-LM.M64	6	68
M72*2	HX-LM.M72	8	78
M75*2	HX-LM.M75	8	78
M80*2	HX-LM.M80	9	88
M88*2	HX-LM.M88	9	94
M100*2	HX-LM.M100	9	110

规格 Item	产品编号 Code	厚度 (H) Thickness	扳手径 (SW) Spanner size
PG7	HX-LM.PG7	3	15
PG9	HX-LM.PG9	3	18
PG11	HX-LM.PG11	3	21
PG13.5	HX-LM.PG13.5	3	23
PG16	HX-LM.PG16	3.2	25
PG19	HX-LM.P19	3.5	27
PG21	HX-LM.PG21	4	30
PG25	HX-LM.PG25	4	35
PG29	HX-LM.PG29	4	40
PG36	HX-LM.PG36	5.5	50
PG42	HX-LM.PG42	5.5	57
PG48	HX-LM.PG48	6	64
PG63	HX-LM.PG63	8	78
G1/2	HX-LM.G1/2	3	23
G3/4	HX-LM.G3/4	4	30
G1	HX-LM.G1	4	40
G1-1/4	HX-LM.G1-1/4	5.5	50
G1-1/2	HX-LM.G1-1/2	5.5	57
G2	HX-LM.G2	6	64
G2-1/2	HX-LM.G2-1/2	8.5	78
G3	HX-LM.G3	9	94
NPT1/2	HX-LM.NPT1/2	3	23
NPT3/4	HX-LM.PT3/4	4	30
NPT1	HX-LM.NPT1	4.5	40
NPT1-1/4	HX-LM.NPT1-1/4	6	50
NPT1-1/2	HX-LM.NPT1-1/2	6	57
NPT2	HX-LM.NPT2	6.5	64
NPT2-1/2	HX-LM.NPT2-1/2	8.5	78
NPT3	HX-LM.NPT3	9	94

防磁型螺母

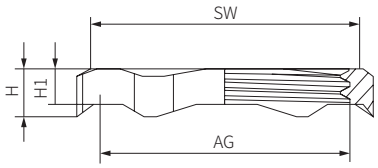
EMC Locknut

M / PG / G / NPT

CE ROHS

材质：镀镍黄铜
应用：螺纹连接或机板开孔螺母固定

Material：Nickel-plated brass
Application：For use with most electrical fittings



规格 Item	产品编号 Code	厚度 (H) Thickness	厚度 (H1) Thickness	扳手径 (SW) Spanner size
M12*1.5	HX-LM.M12/EMC	4	3	14
M14*1.5	HX-LM.M14/EMC	4	3	17
M16*1.5	HX-LM.M16/EMC	4	3	18
M18*1.5	HX-LM.M18/EMC	4	3	20
M20*1.5	HX-LM.M20/EMC	4	3	22
M22*1.5	HX-LM.M22/EMC	4.2	3.2	24
M24*1.5	HX-LM.M24/EMC	4.5	3.5	27
M25*1.5	HX-LM.M25/EMC	4.5	3.5	27
M27*1.5	HX-LM.M27/EMC	5	4	30
M30*1.5	HX-LM.M30/EMC	5	4	32
M32*1.5	HX-LM.M32/EMC	5	4	35
M33*1.5	HX-LM.M33/EMC	5	4	36
M36*1.5	HX-LM.M36/EMC	5	4	40
M37*1.5	HX-LM.M37/EMC	5	4	40
M40*1.5	HX-LM.M40/EMC	5.5	4.5	45
M42*1.5	HX-LM.M42/EMC	6	5	45
M47*1.5	HX-LM.M47/EMC	6.5	5.5	50
M48*1.5	HX-LM.M48/EMC	6.5	5.5	52
M50*1.5	HX-LM.M50/EMC	6.5	5.5	55
M54*1.5	HX-LM.M54/EMC	6.5	5.5	57
M60*1.5	HX-LM.M60/EMC	6	6	64
M63*1.5	HX-LM.M63/EMC	7	6	68
M64*2	HX-LM.M64/EMC	7	6	68
M72*2	HX-LM.M72/EMC	9	8	78
M75*2	HX-LM.M75/EMC	9	8	78
M80*2	HX-LM.M80/EMC	10	9	88
M88*2	HX-LM.M88/EMC	10	9	95
M100*2	HX-LM.M100/EMC	10	9	110

规格 Item	产品编号 Code	厚度 (H) Thickness	厚度 (H1) Thickness	扳手径 (SW) Spanner size
PG7	HX-LM.PG7/EMC	4	3	15
PG9	HX-LM.PG9/EMC	4	3	18
PG11	HX-LM.PG11/EMC	4	3	21
PG13.5	HX-LM.PG13.5/EMC	4	3	23
PG16	HX-LM.PG16/EMC	4.2	3.2	25
PG21	HX-LM.PG21/EMC	5	4	30
PG29	HX-LM.PG29/EMC	5	4	40
PG36	HX-LM.PG36/EMC	6.5	5.5	50
PG42	HX-LM.PG42/EMC	6.5	5.5	57
PG48	HX-LM.PG48/EMC	7	6	64
G1/2	HX-LM.G1/2EMC	4.5	3.5	23
G3/4	HX-LM.G3/4EMC	5	4	30
G1	HX-LM.G1EMC	5.5	4.5	40
G1-1/4	HX-LM.G1-1/4EMC	7	6	50
G1-1/2	HX-LM.G1-1/2EMC	7	6	57
G2	HX-LM.G2EMC	7	6	64
G2-1/2	HX-LM.G2-1/2EMC	8.5	8.5	78
G3	HX-LM.G3EMC	10.5	9.5	94
NPT1/2	HX-LM.NPT1/2EMC	4	3	23
NPT3/4	HX-LM.NPT3/4EMC	5	4	30
NPT1	HX-LM.NPT1EMC	5	4	40
NPT1-1/4	HX-LM.NPT1-1/4EMC	6.5	5.5	50
NPT1-1/2	HX-LM.NPT1-1/2EMC	6.5	5.5	57
NPT2	HX-LM.NPT2EMC	7	6	64
NPT2-1/2	HX-LM.NPT2-1/2EMC	10	9	80
NPT3	HX-LM.NPT3EMC	10	9	95

金属软管
Metal Flexible Pipe

PM / BM

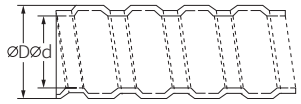
CE ROHS

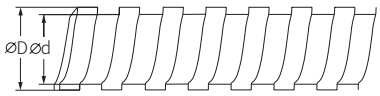
材质：热浸镀锌钢板及特殊绝缘处理

外层：PVC(黑色抗紫外线，防老化)
产品认证：欧洲 CE，欧洲环保 RoHS

防火等级：UL94V-0，低烟无毒
颜色种类：黑色或灰色
防护等级：IP66/IP68
使用方法：先将电线穿入管内，再配合金属软管固定头即可

Material：Hot dip galvanized steel plate and special insulation tr eatment
Out Material：PVC(black anti-ultraviolet, anti-aging)
Product certification：European CE, European environmental protection RoHS
Fire rating：UL94v-0, low smoke non-toxic
Color：Black or Grey
Degree of protection：IP66/IP68
Usage：Put the wire into the tube, then tie the metal hose to the head





型号 Item No.		规格 TradeSizes		内径 d Inner Diameter	外径 D Outer Diameter	弯曲半径 Bending Radius mm±10%	包装 M Packing
黑色 Black	灰色 Gray	公制 M	英制 BSP				
HX-PM-01B	HX-PM-01G	6	3/16''	6.0±0.3	9.2±0.5	40	100M
HX-PM-02B	HX-PM-02G	8	1/4''	8.0±0.3	11.8±0.5	45	100M
HX-PM-03B	HX-PM-03G	10	5/16''	10.0±0.3	14.5±0.5	55	100M
HX-PM-04B	HX-PM-04G	13	3/8''	12.5±0.3	16.8±0.5	65	100M
HX-PM-05B	HX-PM-05G	16	1/2''	15.5±0.3	20.2±0.5	85	100M
HX-PM-06B	HX-PM-06G	20	3/4''	20.0±0.3	25.0±0.5	100	50M
HX-PM-08B	HX-PM-08G	25	1''	25.0±0.3	30.7±0.5	120	50M
HX-PM-10B	HX-PM-10G	32	1 1/4''	32.0±0.3	38.6±0.5	150	25M
HX-PM-12B	HX-PM-12G	38	1 1/2''	38.0±1.0	44.6±1.0	180	25M
HX-PM-16B	HX-PM-16G	51	2''	51.0±1.0	59.0±1.0	220	10M
HX-PM-20B	HX-PM-20G	64	2 1/2''	64.0±1.5	73.5±1.5	310	10M
HX-PM-24B	HX-PM-24G	75	3''	75.0±2.0	83.5±2.0	350	10M
HX-PM-32B	HX-PM-32G	100	4''	100.0±3.0	109.5±3.0	410	10M
HX-PM-36B	HX-PM-36G	125	5''	125.00±3.0	135.5±3.0	460	5M
HX-PM-38B	HX-PM-38G	150	6''	150.0±4.0	160.5±4.0	500	5M

尼龙软管
Nylon Flexible Pipe

PA / PP / PE

CE ROHS

材质：PP 聚丙烯
工作温度：-30°C -110°C，短时达到 130°C
产品认证：欧洲 CE, 欧洲环保 ROHS

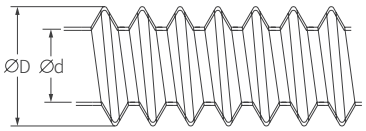
用途：主要用于汽车线束行业，本品硬度较高，可保护电线电缆不受外力磨损及绝缘

说明：本品 PP 材质硬度软管系列中高

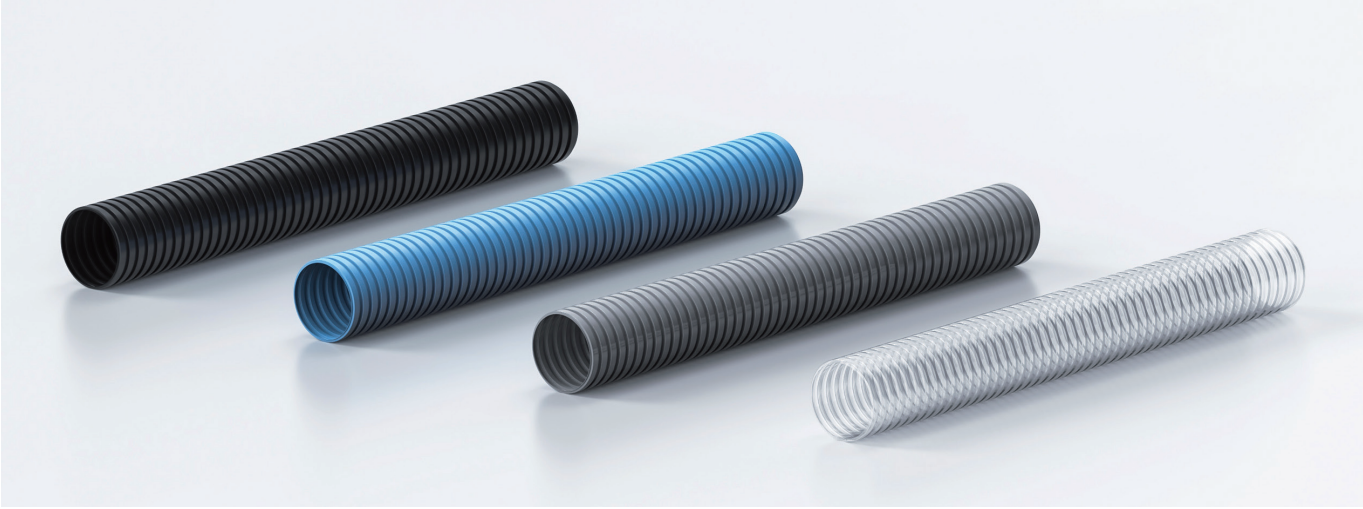
Material：PP(Polypropylene)
temperature：- 30 °C - 110 °C , short time at 130 °C
Product certification：European CE, European environmental protection ROHS

Directions：Mainly used in the automotive wiring harness industry, this product has high hardness, which can protect wires and cables from external wear and insulation

Description：high in PP material hardness hose serie



型号 code	软管规格 Conduit Size		内径 d Inner Size	外径 D Outer Size	弯曲半径 Bending Radius mm±10%	动态弯曲半径 Dynamic Bend Radius
HX-PA-10.0	AD10.0	1/4"	6.50	10.00	16	35
HX-PA-11.6	AD11.6		8.00	11.60	16	35
HX-PA-13.0	AD13.0	5/16"	10.00	13.00	20	45
HX-PA-15.8	AD15.8	3/8"	12.00	15.80	30	60
HX-PA-18.5	AD18.5		14.30	18.50	40	70
HX-PA-21.2	AD21.2	1/2"	17.00	21.20	45	75
HX-PA-25.0	AD25.0		20.00	25.00	45	75
HX-PA-28.5	AD28.5	3/4"	23.00	28.50	50	110
HX-PA-34.5	AD34.5	1"	29.00	34.50	60	115
HX-PA-42.5	AD42.5	1-1/4"	36.00	42.50	70	120
HX-PA-54.5	AD54.5	2"	48.00	54.50	90	150



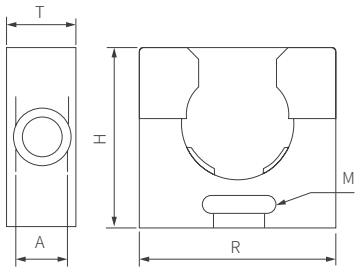
波纹管固定架
Bellows Fixed Frame

AD

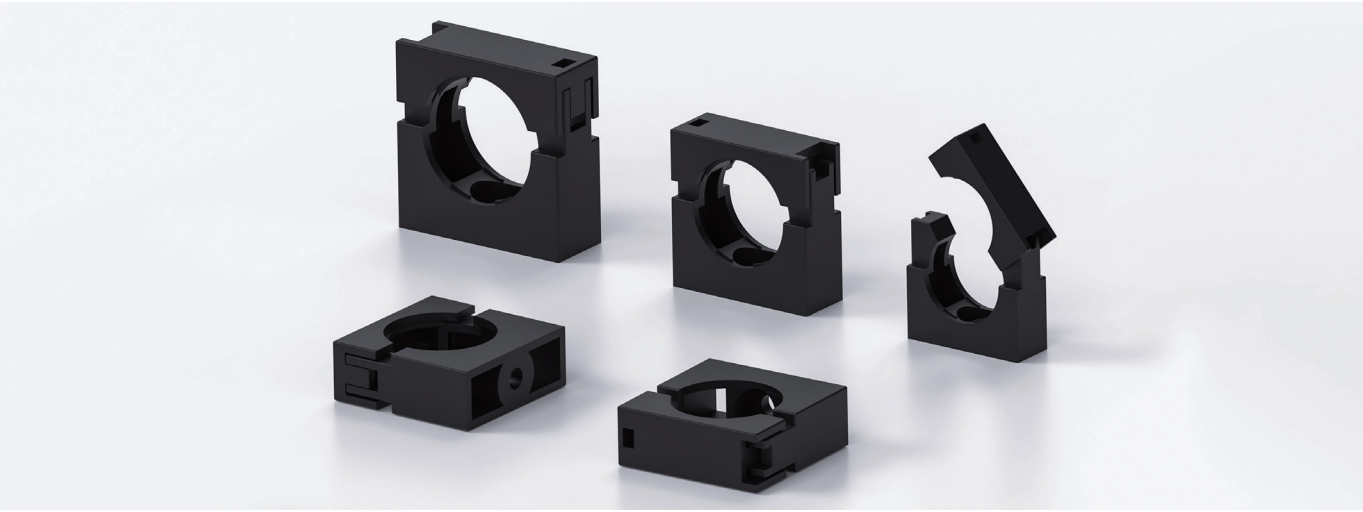
CE ROHS

材质：PA 尼龙
工作温度：-40°C ~+110°C
颜色：黑色 (特殊颜色可以定做)
供应范围：淘汰老旧带盖与不带盖两种市场分类，采用美观衔接牢固整体新型设计

Material：PA(NYLON)
Temperature：-40°C to 100°C
Color：Black(other color can be customized)
Supply scope：Eliminate old one with cap or no cap,adopt firm new design



适配软管 Conduit size	R	H	T	M	A	产品编号 Code
AD10.0	25.0	26.0	12.5	4.0	6.5	HX-NB.AD10
AD13.0	30.0	26.0	12.5	4.0	6.5	HX-NB.AD13
AD15.8	30.0	26.0	12.5	5.0	6.5	HX-NB.AD15.8
AD18.5	35.0	33.0	15.0	6.0	6.5	HX-NB.AD18.5
AD21.2	35.0	34.0	15.0	6.0	6.5	HX-NB.AD21.2
AD25.0	42.0	38.0	16.0	6.0	11.5	HX-NB.AD25
AD28.5	42.0	42.0	16.0	6.0	11.5	HX-NB.AD28.5
AD34.5	51.0	49.0	16.0	6.0	11.5	HX-NB.AD34.5
AD42.5	58.0	57.0	18.0	6.0	11.5	HX-NB.AD42.5
AD54.5	73.0	70.0	20.0	7.0	12.0	HX-NB.AD54.5



HBRSG 低烟无卤环保热缩套管

HBRSG Low-Smoke And Halogen-Free Environmentally Friendly Heat Shrink Tube

HBRSG

HBRSG 是一种环保型低烟无卤阻燃收缩套管，燃烧时不常浓烟及二恶英类有害环境的物质，符合 RoHs 等优点，聚优优良的阻燃、绝缘、耐温性能、柔软有弹性，可广泛用于地铁、高层建筑、公共设施等环保要求严格的领域。

HBRSG is an environmentally-friendly low-smoke and halogen-free flame-retardant shrink tube. No heavy smoke or dioxins which is harmful for environment,meet requirement of RoHs. With good performance of flame-retardant,insulation,heat-resisting,soft and elastic.Widely used in areas with strict environmental protection requirements,such as subways, high-rise buildings and public facilities.

规格参数 单位：mm

产品图片 Product pictures	规格 Item	收缩前内径 Inner dimension (before heat-shrink)	收缩后内径 Inner dimension (after heat-shrink)	收缩后壁厚 Wall thickness (after heat-shrink)	包装（米 / 盘） m/plate
	1.0/0.5	1.0±0.3	0.5±0.1	0.25±0.01	200
	2.0/1.0	2.0±0.3	1.0±0.1	0.25±0.01	200
	3.0/1.5	3.0±0.3	1.5±0.1	0.30±0.01	200
	4.0/2.0	4.0±0.3	2.0±0.1	0.34±0.01	100
	5.0/2.5	5.0±0.3	2.5±0.2	0.46±0.01	100
	6.0/3.0	6.0±0.4	3.0±0.2	0.46±0.04	100
	8.0/4.0	8.0±0.4	4.0±0.2	0.48±0.01	100
	10./5.0	10.0±0.4	5.0±0.2	0.52±0.01	100
	12.0/6.0	12.0±0.4	6.0±0.3	0.54±0.01	100
	14.0/7.0	14.0±0.4	7.0±0.3	0.56±0.01	100
	16.0/8.0	16.0±0.5	8.0±0.3	0.62±0.01	100
	18.0/9.0	18.0±0.5	9.0±0.3	0.70±0.02	100
	20.0/10.0	20.0±0.5	10.0±0.3	0.72±0.02	100
	22.0/11.0	22.0±0.5	11.0±0.3	0.75±0.02	100
	25.0/12.5	25.0±0.8	12.0±1.0	0.80±0.02	25
	30.0/15.0	30.0±0.8	15.0±1.0	0.82±0.02	25
	35.0/17.5	35.0±0.8	17.5±1.0	0.82±0.02	25
	40.0/20.0	40.0±1.5	20.0±1.0	0.82±0.02	25
	50.0/25.0	50.0±1.5	25.0±1.0	0.82±0.02	25
	60.0/30.0	60.0±1.5	30.0±1.5	0.93±0.02	25
	70.0/35.0	70.0±1.5	35.0±1.5	0.95±0.02	25
	80.0/40.0	80.0±1.5	40.0±1.5	0.95±0.02	25
	90.0/45.0	90.0±1.5	45.0±1.5	1.10±0.02	25
	100.0/50.0	100.0±1.5	50.0±1.5	1.10±0.02	25
	120.0/60.0	120.0±1.5	60.0±1.5	1.10±0.02	25
	150.0/75.0	150.0±1.5	75.0±1.5	1.15±0.02	25

注：以上产品黑色为标准色：红、黄、兰、白、透明色为辅助品种，特殊产品需提前两个星期时间订货。载切管需加 5 分 / 米载切费，如载切长度小于 6mm 载管需加 8 分 / 米裁切费。

Note:
Standard color:black(default color)
Other color:red,yellow,blue,white,transparent.
Customized products need be orderd 2 weeks in advance.
Cutting cost:0.05 RMB/m. 0.08 RMB/m.(Cutting length less than 6mm)

RSG 环保无卤阻燃热缩管

RSG Environmentally Friendly Halogen-Free Flame Retardant Heat Shrinkbale Tube

RSG

RSG、MPG 热缩套管是一种新兴高科技产品，它具有良好的物理化学特性、耐腐蚀、绝缘散热和阻燃性能，为电气、通信等工程提供一种高新绝缘防护材料，适用于铜排、铝排，电线电缆和电缆端子及接头的绝缘，保护和标识，电器系统线状元器件，终端及接头的绝缘保护和柔软线束的导线成束。且使用方便，只需用热风枪，煤气焊枪或烘箱加热即可将套管收缩。

RSG、MPG low temperature flame-resist hear-shrinkable tubes are new high-tech products.They have good physical and chemical performance such as corrosion-resistance insulate and flame-resistance.They are new mate-rials for the power and communication projects.They apply in the insulate of the cable and terminal and connector,protection and mark,linear components useds in the power system,insulated protection of the terminal and connector and handling the conduct wire of the soft cable.As only heat gun can shrink them,they are easily used.

RSG(HBRSG) □□ - C - □□ / □□

- 表示收缩后内径
  Inner dimension after shrinkage
- 表示收缩前内径
  Inner dimension before shrinkage
- 表示颜色 R- 红色，Y- 黄色，G- 绿色，B- 黑色，C- 透明，W- 白色，BL- 蓝
  Color R-red，Y-Yellow，G-Green，B-Black，C-Transparent，W-White，BL-blue
- 表示电压等级：01 表示 1KV，10 表示 10KV
  Voltgae 01-1kV，1-10kV，35-35kV
- RSG 表示连续长度低高压阻燃热缩套管
  RSG Continuous length of low temperature flame-resistance heat-shrinkable tube
- HBRSG 表示低烟无卤环保套管
  HBRSG halogen with low-smoke and free heat-shrink able tube

规格参数 单位：mm

序号 No.	项目 Item	质量指标 Quality date	序号 No.	项目 Item	质量指标 Quality date
1	收缩温度（°C） Shrunk temperature（°C）	100-110	2	偏壁率（%） Deviation partitcon ratio（%）	≤ 30
3	径向收缩率（%） Radial shrinkage ratio（%）	＞ 50	4	轴向收缩率（%）	±5
5	拉伸强度（Mpa） Tensile strength（Mpa）	＞ 12	6	阻燃性能 Flame-resistance performance	VW-1
7	击穿强度（kV/mm） Breakdown strength（kV/mm）	≥ 20	8	断裂伸长率（%） Broken extension ratio（%）	＞ 300
9	使用温度（°C） Usage temperature（°C）	-30 ～ 125	10	使用电压（V） Usage voltage（V）	600

10kV/35kV 连续、分段热缩母排管

10Kv/35Kv Long/Short Bus Bar Heat Shrink Tubing

10kV/35kV

产品是一种具有良好的绝缘材料，主要应用于高压开关柜、电厂、变电站中母线排的绝缘保护。可以起到防止异物搭接、防止小动物短路、防止维护人员误入带电间隙 / 防止凝露删络、增加相间绝缘等作用。

It's a good insulating material,mainly used for insulation protection of busbars in high voltage switchgear, power plant and substations.It can prevent foreign object from overlapping,prevent short circuit caused by small animals intrusion,prevent maintainer from straying in chageing gap,prevent condensation and increase the effect of phase insulation.

MPG □□ - C - □□ / □□

- 表示收缩后内径
  Inner dimension after shrinkage
- 表示收缩前内径
  Inner dimension before shrinkage
- 表示颜色 R- 红色，Y- 黄色，G- 绿色，B- 黑色
  Color R-Red，Y-Yellow，G-Green，B-Black
- 表示电压等级：01 表示 1KV，10 表示 10KV，35 表示 35KV
  Voltgae 01-1kV，1-10kV，35-35kV
- 表示高压阻燃热缩母排套管
  Hi-volt flame-resitance heat-shrinkable tube

主要性能指标 Main performance indicators

序号 No.	检测项目 Test items	标准要求 Standary requirements	检测结果 Test result
1	1 min 相对相工频耐压试验 1 min phase-phase power frequencv withstand test	42kV 不闪络、不击穿 42kV no flash and no breakdown	42kV，1min，试样未闪络和击穿 42kV，1min，no flash and no breakclow sampe
2	相对相冲击电压试验 phase-phase impulse voltage test	75kV 正负极性各 15 次；相对相冲击耐压试验；不闪络 75kV 15 times phase-phase impulse with stand test of the positive and the negative respectively，no flash and no breakdown	75kV 正负极性各 15 次；试样未闪络和击穿 75kV 15 times
3	1 min 相对地工频耐压试验 1 min phase-earth，power frequencv with stand test	42kV 不闪络、不击穿 42kV no flash and no breakdown	42kV，1min，试样未闪络和击穿 42kV，1min，no flash and no breakclow sampe
4	相对相冲击电压试验 phase-phase impulse voltage test	75kV 正负极性各 15 次；相对相冲击耐压试验；不闪络 75kV 15 times phase-phase impulse with stand test of the positive and the negative respectively，no flash and no breakdown	75kV 正负极性各 15 次；试样未闪络和击穿
5	温升试验 temperture rise test	环境温度为 40°C下收缩绝缘套管后的铜排温升应不大于裸铜排温升	裸铜排温升 45.7°C 绝缘铜排温升：41.4°C
6	热缩管耐压试验 with stand test of the heat-shirinkable tube	20kV，1min 不击穿 20kV 1min no breakdown	20kV，1 min 不击穿 20kV 1min no breakdown

10kV/35kV 连续、分段热缩母排管

10Kv/35Kv Long/Short Bus Bar Heat Shrink Tubing

10kV/35kV

规格参数 单位：mm

名称 Name	型号 Model	使用母排宽度 Width of busbars	包装（米 / 盘） Packing(m/plate)
10kv 连续 / 分段母排 10kv continuous/segmented busbar	MPG10-25/10	20-30	25
	MPG10-30/12	30-40	25
	MPG10-40/16	40-50	25
	MPG10-50/20	50-60	25
	MPG10-70/30	60-70	25
	MPG10-80/35	80-90	25
	MPG10-90/40	100-110	25
	MPG10-100/45	120	25
	MPG10-120/50	140	25
	MPG10-150/60	180	25
35kv 连续 / 分段母排 35kv continuous/segmented busbar	MPG35-25/10	20-30	25
	MPG35-30/12	30-40	25
	MPG35-40/16	40-50	25
	MPG35-50/20	50-60	25
	MPG35-60/25	60-70	25
	MPG35-70/30	80-90	25
	MPG35-80/35	90-100	25
	MPG35-90/40	100-110	25
	MPG35-100/45	120	25
	MPG35-120/50	140	25
	MPG35-150/60	180	25

Hoonsun

Eighteen years for only one thing!

防水接线盒

Waterproof Junction Box

CE ROHS

防水接线盒 -RA/B 系列

Waterproof Junction Box-RA/B Series

RA / B 系列

CE ROHS

壳体材料：ABS
孔塞材料：PVC
材料特性：抗冲击性，耐热性，耐低温性，耐化学药品性
及电气性能优良，表面光泽性好等特点
认证：CE、ROHS
用途：适用于室内，室外电气，通信，消防设备，钢铁冶炼，石油化工，
电子电力，铁路，建筑工地，采矿场，机场，宾馆，船舶，大型工厂，沿海工厂，
卸货码头设备，污废水处理设施，环境公害设施等。

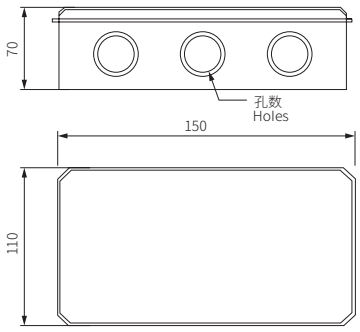
安装方式：1：内部安装：盒子内部有供线路板或 DIN 轨道元件安装的凸台；
2：外部安装：可通过盒体底部的安装孔直接固定于墙面（可通过盒子的四个角，直接用螺丝或钉子固定在墙上货板子上。）

进出线孔：1：HXB-R-A 防水盒可以根据（是否穿线选择开孔。电线大小在现有孔塞上选择使用，或配套防水夹紧接头，达到防水最佳效果。
2：HXB-R-B 防水盒可以根据电线大小在现有孔塞上选择使用，或配套防水夹紧接头，达到防水最佳效果。

Body material：ABS
Stopper material：PVC
Material characteristics：Impact,heat,low temperature and chemical resistance,
excellent electrical performance and surface gloss,etc.
Certificates：CE,ROHS
Application：Suitable for indoor and outdoor electric,communication,fire fightingapparatus,iron and steel smelting,petrochemical industry,electron,power system,railway,building, mine,air and sea port,hotel,ship,works,waste water treatment equipment,environment equipment and so on.
Installation：1:Inside:There are the installation holes in the base for circuit board or din rail (More than 2 pcs of M4 brass nuts have been in the base).
2:Outside:The products can be directly fixed on the wall or other flat boards with screws or nails via the screw holes in the base.
Outlet hole：1:Holes can be opened or not on the box as customers' requirements ,and installing cable gland can bring with better waterproof performance.
2:Holes can be chosen according to the cable diameter from the existing holes on the box .and installing cable gland can bring with better waterproof performance.

规格参数 单位：mm

型号 Model Code	孔数 Hole QTY	孔径（mm） Hole Size	IP	毛重（KG） G. Weight	净重（KG） G. Weight	装箱数（只） Qty/Carton	外箱尺寸（cm） Carton Dimension
HXB-RA/B 50x50	4	25	55	13.5	12.3	300	46×38×51
HXB-RA/B 80x50	4	25	55	14.7	13.4	240	53×35×62
HXB-RA/B 85x85x50	7	25	55	17.2	16	200	53×41×53
HXB-RA/B100x100x70	7	25	65	14.9	13.5	100	62×49×35
HXB-RA/B150x110x70	10	25	65	15.1	13.8	60	67×33×46.5
HXB-RA/B150x150x70	8	25	65	16.3	15	60	84.5×34×45
HXB-RA/B200x100x70	8	25	65	16.6	15.3	60	61×46×42
HXB-RA/B200x155x80	10	36	65	14.5	13.2	40	69.5×43.5×42
HXB-RA/B200x200x80	12	36	65	18	16.6	40	90×46×40.5
HXB-RA/B255x200x80	12	36	65	21.9	20.1	40	55×45×78.5
HXB-RA/B255x200x120	12	36	65	21.9	20.1	30	64×55×62
HXB-RA/B300x250x120	12	36	65	20.3	18.4	20	61.5×55.5×63
HXB-RA/B400x350x120	16	36	65	15	13.3	10	74.5×42.5×61.5



HXB-RA/B 150x110x70

RB 系列
RB series

RA 系列
RA series

防水接线盒 -KT 系列

Waterproof Junction Box-KT-Seires

KT 系列

CE ROHS

壳体材料：ABS 或 PC

材料特性：抗冲击性，耐热性，耐低温性，耐化学药品性及电气性能优良，表面光泽性好等特点

认证：CE、ROHS

用途：适用于室内，室外电气，通信，消防设备，钢铁冶炼，石油化工，电子电力，铁路，建筑工地，采矿场，机场，宾馆，船舶，大型工厂，沿海工厂，卸货码头设备，污废水处理设施，环境公害设施等。

安装方式：1：内部安装：盒子内部有供线路板或 DIN 轨道元件安装的凸台；及自带的铜接线螺母（每只防水盒内部都配有最少二个以上的很常规的 M4 的铜螺母）
2. 外部安装：可通过盒体底部的安装孔直接固定于墙面（可通过盒子的四个角，直接用螺丝或钉子固定在墙上或板子上）。

进出线孔：防水盒可以随意根据客户的使用要求在上面开孔（开孔位置及开孔大小都可以按照客户指定要求加工）。开孔后可以装有配套的防水紧接头，达到防水最佳效果。

Body material：ABS or PC

Material characteristics：Impact,heat,low temperature and chemical resistance, excellent electrical performance and surface gloss,etc.

Certificates：CE,ROHS

Application：Suitable for indoor and outdoor electric,communication,fire fighting apparatus, iron and steel smelting,petrochemical industry,electron,power system, railway, building,mine,air and sea port,hotel,ship,works,waste water treatment equipment,environment equipment and so on.

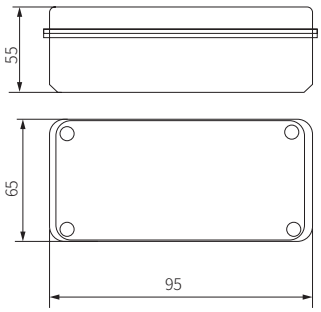
Installation：1.Inside:There are the installation holes in the base for circuit board or din rail (More than 2 pcs of M4 brass nuts have been in the base).
2.Outside：The products can be directly fixed on the wall or other flat boards with screws or nails via the screw holes in the base.

Outlet hole：Holes can be opened on the box as customers' requirements,and installing cable gland can bring with better waterproof performance.

规格参数 单位：mm

型号 Model Code	毛重（KG） G. Weight	装箱数（只） Qty/Carton	外箱尺寸（cm） Carton Dimension
HXB-KT 65×50×55	21.5/20.0	300	52×41×29.5
HXB-KT 96×65×55	25.1/23.6	240	49.5×40.5×46.5
HXB-KT 100×100×75	20.4/18.9	100	52×42×39.5
HXB-KT 110×80×45	24.3/22.8	200	46×42×47
HXB-KT 110×80×70	20.0/18.5	120	57×33.5×45
HXB-KT 110×80×85	19.7/18.2	100	57×33.5×45
HXB-KT 125×125×75	16.6/15.1	60	52×39.5×39.5
HXB-KT 125×125×100	19.4/17.9	60	52×39.5×52
HXB-KT 130×80×70	21.4/19.9	120	54×41.5×45
HXB-KT 130×80×85	25.4/23.9	120	54×50×44.5
HXB-KT 160×80×55		100	42×34×57
HXB-KT 160×80×95		50	42×34×49.5
HXB-KT 170×140×95	17.8/16.3	50	57.5×52×49.5
HXB-KT 175×125×75	17.0/15.5	50	54×52.5×32
HXB-KT 175×125×100	11.9/10.4	30	39.5×37×52
HXB-KT 175×175×100	14.4/12.9	30	54.5×37×53.5
HXB-KT 180×80×70	20.4/18.9	90	56×41×46
HXB-KT 200×150×100	28.5/27	30	47×42×67

型号 Model Code	毛重（KG） G. Weight	装箱数（只） Qty/Carton	外箱尺寸（cm） Carton Dimension
HX-KT 200×150×130	21.6/20.1	40	61.5×41×68.5
HX-KT 200×200×95	18.5/17.0	30	62×42×49.5
HX-KT 200×200×130	14.6/13.1	20	42×42×67
HX-KT 250×80×70	15.7/14.2	50	52×41×36
HX-KT 250×80×85	18.8/17.3	50	52×42×44.5
HX-KT 250×150×100	11.5/10.0	20	52×32×52
HX-KT 250×150×130	17.1/15.6	30	52×47×67
HX-KT 280×190×130	10.6/9.1	10	40×30×67
HX-KT 280×190×180	14.5/13.0	12	58×40×56
HX-KT 280×280×130	8.6/7.1	6	58×58×41
HX-KT 280×280×180	9.6/8.1	6	58×58×56
HX-KT 340×280×130	9.5/8.1	6	57.5×35×41
HX-KT 340×280×180	7.9/6.4	4	57.5×35×37.5
HX-KT 340×190×130	10.9/9.4	8	40×40×54
HX-KT 380×190×180	12.5/11	6	40×59×38
HX-KT 380×280×130	9.8/8.3	6	57.5×39×41
HX-KT 380×280×180	8.0/6.5	4	57.5×39×37.5



明装配电箱
Surface Distribution Box

HXB-GT

CE ROHS

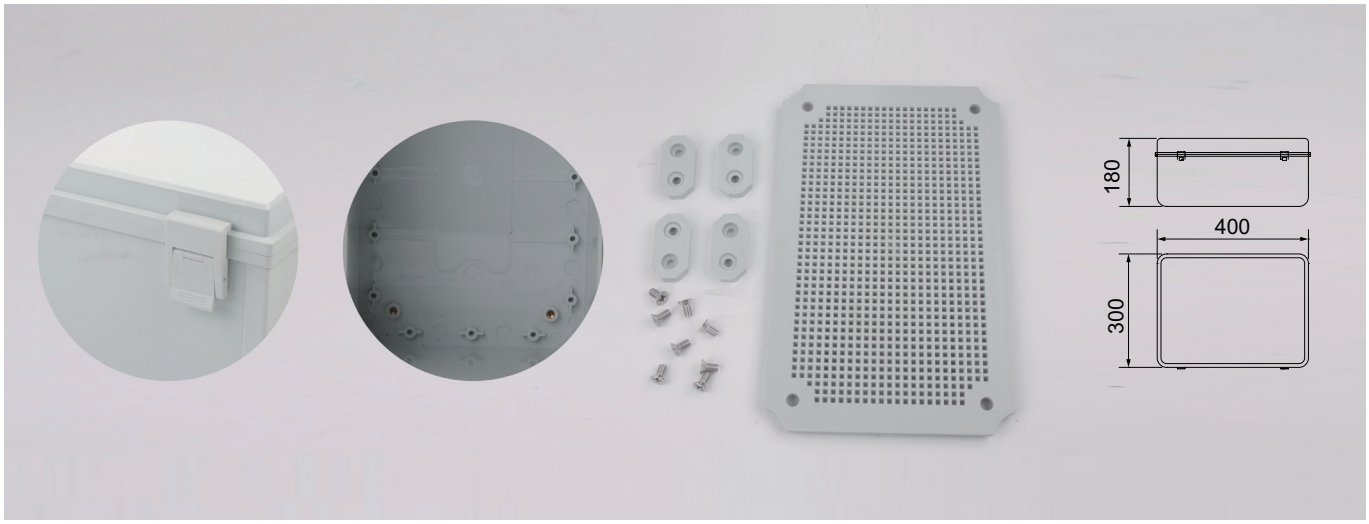
壳体材料：ABS 或 PC
材料特性：抗冲击性，耐热性，耐低温性，耐化学药品性
及电气性能优良，表面光泽性好等特点
认证：CE、ROHS
防护等级：IP65
用途：适用于室内，室外电气，通信，消防设备，钢铁冶炼，石油化工，
电子电力，铁路，建筑工地，采矿场，机场，宾馆，船舶，大型工厂，沿海工厂，
卸货码头设备，污废水处理设施，环境公害设施等。

安装方式：1. 内部安装：盒子内部有供线路板或 DIN 轨道元件安装的凸台，及自带的
铜接线螺母（每只防水盒内部都配有最少二个以上的很常规的 M4 的铜螺母）
2. 外部安装：可通过盒体底部的安装孔直接固定于墙面（可通过盒子的
四个角，直接用螺丝或钉子固定在墙上或板子上）。
进出线孔：防水盒可以随意根据客户的使用要求在上面开孔（开孔位置及开孔大小
都可以按照客户指定要求加工）。开孔后可以装有配套的防水紧接头，
达到防水最佳效果。

Body material:ABS or PC
Material characteristics:Impact,heat,low temperature and chemical resistance,
excellent electrical performance and surface gloss,etc.
Certificates:CE,ROHS
Protection grade:IP65
Application: Suitable for indoor and outdoor electric,communication,fire fighting apparatus,iron
and steel smelting,petrochemical industry,electron,power system,railway,building,
mine,air and sea port,hotel,ship,works,waste water treatment equipment,
environment equipment nad so on.
Installation: 1.Inside:There are the installation holes in the base for circuit board or din
rail(More than 2 pcs of M4 brass nuts have been in the base).
2.Outside:The products can be directly fixed on the wall or other flat boards
with screws or nails via the screw holes in the base.
Outlet hole: Holes can be opened on the box as customers' requirements,and installing
cable gland can bring with better waterproof performance.

规格参数

型号 Model Code	毛重（KG） G. Weight	净重（KG） G. Weight	装箱数（只） Qty/Carton	外箱尺寸（cm） Carton Dimension
HXB-GT 300×200×160	12.9	11.4	8	60×46×32
HXB-GT 300×200×180	13.4	11.9	8	64.5×40.5×54
HXB-GT 300×200×180	13.8	12.3	6	61.5×34×56.5
HXB-GT 400×300×180	17	15.5	6	66×41×56.5
HXB-GT 500×400×200	13.5	12	3	51×44×63
HXB-GT 600×400×220	17.5	16	3	61.5×41×68.5



明装配电箱
Surface Distribution Box

MS 系列

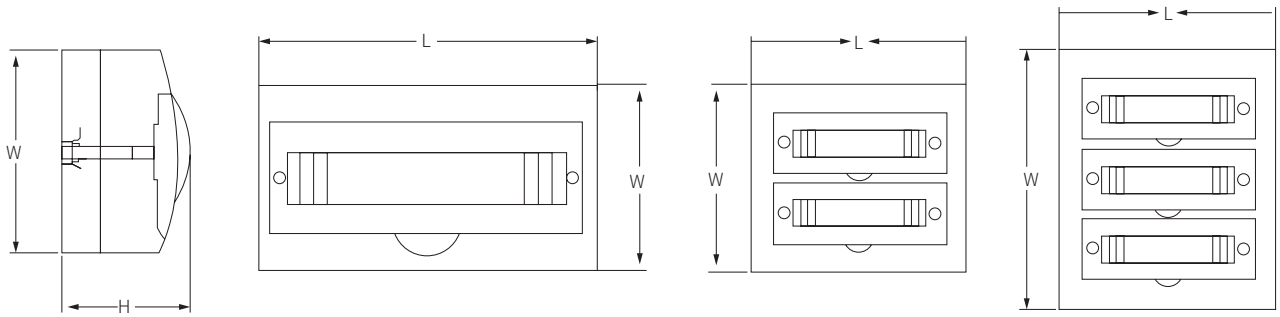
CE ROHS

壳体材料：ABS
透明门板：PC
接线端子：铜
材料特性：抗冲击性，耐热性，耐低温性，耐化学药品性
及电气性能优良，表面光泽性好等特点
认证：CE、ROHS
防护等级：IP65
用途：适用于室内，室外电气，通信，消防设备，钢铁冶炼，石油化工，
电子电力，铁路，建筑工地，采矿场，机场，宾馆，船舶，大型工厂，沿海工厂，
卸货码头设备，污废水处理设施，环境公害设施等。
安装方式：可选择明装或者暗装
1. 内部安装：盒子内部有供导轨式断路器安装的导轨，及用于接线的零线排和地线排。
2. 外部安装：可通过盒体底部的安装孔直接固定于墙面（可通过盒子的四个角，
直接用螺丝或钉子固定在墙上或板子上）。
进出线孔：箱体设有可供穿线的预留孔。

Body material：ABS
Transparent door panels：PC
Terminal blocks：Copper
Material characteristics：Impact,heat,low temperature and chemical resistance,
excellent electrical performance and surface gloss,etc.
Certificates：CE,ROHS
Protection grade：IP65
Application：Suitable for indoor and outdoor electric,communication,fire fighting apparatus,
iron and steel smelting,petrochemical industry,electron,power system,railway,
building,mine,air and sea port,hotel,ship,works,waste water treatment
equipment,environment equipment nad so on.
Installation：You can choose to install it in the open or concealed one
1. Internal installation: inside the box there are rails for the installation
of the rail type circuit breaker, and the neutral and ground bars for wiring.
2. External installation: It can be directly fixed to the wall through the
mounting hole at the bottom of the box (it can be directly fixed to the
wall or board with screws or nails through the four corners of the box).
Outlet hole：The box is equipped with reserved holes for threading.

规格参数 单位：mm

型号 Model Code	外形尺寸 Outside Dimension(mm)			毛重（KG） G. Weight	净重（KG） G. Weight	装箱数（只） Qty/Carton	外箱尺寸（cm） Carton Dimension
	L	W	H				
HXB-MS 4WAY	112	200	95	11.5	8.7	30	51×36×45.5
HXB-MS 6WAY	148	200	95	14.9	11.5	30	51×42.5×50
HXB-MS 8WAY	184	200	95	16.7	12.8	30	52×43.5×59.5
HXB-MS 10WAY	222	200	95	13	9.8	20	51×43×48.5
HXB-MS 12WAY	256	200	95	14.8	11.5	20	52×43×55
HXB-MS 15WAY	310	200	95	12.8	9.9	15	50.5×33.5×64
HXB-MS 18WAY	365	222	95	15.2	12.8	15	52×38×71
HXB-MS 24WAY	271	325	97	13.2	10.3	10	55×35×57.5
HXB-MS 36WAY	271	462	100	18.5	14.8	5	54.5×28.5×48



尼龙扎带
Nylon Cable Tie

Hoonsun
Eighteen years for only one thing!

HX-ZD

CE ROHS

材质：采用 UL 认可之尼龙 66 料制成，防火等级 94V-2，耐酸、耐蚀、绝缘性良好，不易老化、承受力强

颜色：标准颜色为本色材质：采用 UL 认可之尼龙 66 料制成，防火等级 94V-2，耐酸、耐蚀、绝缘性良好，不易老化、承受力强（白色），另有抗外紫外线之黑色，特殊颜色欢迎订做。

Material：Nylon 66 approved by UL, 94V-2, acid proof, corrosion- resistant and not easy to age.

Color：Natural(or white,standard color),UV black and other colors are available as requested.

规格参数

型号 Item No.	长 L		宽 W	捆扎范围 E Bundle diameter	承受力 Tensile strength	
	Inch	mm				
HXZD-2.5×100	4.0	100	2.5	2-22	18	8
HXZD-2.5×150	6.0	150		2-35		
HXZD-2.5×200	8.0	200		2-50		
HXZD-3.5×150	6.0	150	3.5	3-35	40	18
HXZD-3.5×200	8.0	200		3-65		
HXZD-3.5×250	10	250		3-70		
HXZD-3.5×300	12	300		3-80		
HXZD-3.5×370	14.6	370		3-85		
HXZD-4.8×150	6.0	150	4.8	4-35	50	22
HXZD-4.8×200	8.0	200		4-50		
HXZD-4.8×250	10	250		4-65		
HXZD-4.8×300	12	300		4-80		
HXZD-4.8×370	14.6	370		4-85		
HXZD-4.8×100	4.0	100		4-22		
HXZD-4.8×120	4.7	120		4-30		
HXZD-4.8×180	7.1	180		4-50		
HXZD-4.8×350	14	350		4-82		
HXZD-4.8×370	14.6	370		4-65		
HXZD-4.8×400	16	400		4-105		
HXZD-4.8×450	18	450		4-118		
HXZD-4.8×500	20	500		4-150		
HXZD-4.8×650	25.6	650		4-185		
HXZD-4.8×760	30	760		4-200		
HXZD-7.6×200	8.0	200	7.6	5-50	120	55
HXZD-7.6×250	10	250		5-65		
HXZD-7.6×300	12	300	7.2	5-80		
HXZD-7.6×350	14	350	7.6	5-82		
HXZD-7.6×370	14.5	370	7.6	5-85		
HXZD-7.6×400	16	400	7.6	5-105		
HXZD-7.6×450	18	450		5-118		
HXZD-7.6×500	20	500		5-150		
HXZD-7.6×550	21.6	550		5-160		

尼龙扎带
Nylon Cable Tie

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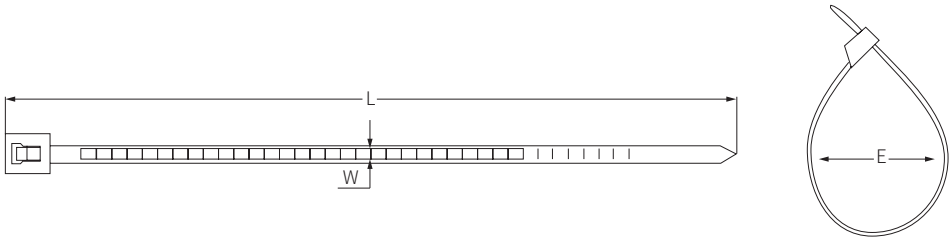
HX-ZD

CE ROHS

型号 Item No.	长 L		宽 W	捆扎范围 E Bundle diameter	承受力 Tensile strength	
	Inch	mm				
HXZD-8.8×400	16	400	8.8	6-105	170	75
HXZD-8.8×450	18	450		6-118		
HXZD-8.8×500	20	500		6-105		
HXZD-8.8×550	21.6	550		6-160		
HXZD-8.8×600	23.6	600		6-170		
HXZD-8.8×650	25.6	650		6-185		
HXZD-8.8×700	27.6	700		6-190		
HXZD-8.8×760	30	750		6-200		
HXZD-8.8×800	31.5	800		6-230		
HXZD-8.8×900	35.5	900		6-265		
HXZD-8.8×1000	39.4	1000		6-300		



不锈钢扎带
Stainless Steel Cable Tie

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HX-SD

CE ROHS

产品材料：不锈钢材质 304 或 316
操作温度：-60°C -150°C
产品描述：阻燃
材料特性：抗紫外线
产品特性：滚珠式自锁结构有利于加快安装速度

Material：SS304orSS316
Working Temp：-60°C -150°C
Product description：Flame retardant
Material properties：UV-resistant
Product characteristics：The ball-type self-locking construction facilitates faster installation

规格参数

型号 Item No	宽度 W Breadth		长度 L Length		厚度 Thickness		最大捆绑直径 Max. bundle range		最小捆绑直径 Min. bundle range		最小拉力 Min. pulling force	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	n	lbs
HX-SD 4.6*100	4.6	0.18	100	3.9	0.26	0.01	25	1	12.7	0.5	1100	250
HX-SD 4.6*150			150	5.9			37	1.46				
HX-SD 4.6*200			200	7.9			50	1.97				
HX-SD 4.6*250			250	9.8			63	2.5				
HX-SD 4.6*300			300	11.8			76	3				
HX-SD 4.6*350			350	13.8			89	3.51				
HX-SD 4.6*400			400	15.7			102	4				
HX-SD 4.6*450			450	17.7			115	4.5				
HX-SD 4.6*500			500	19.7			128	5				
HX-SD 4.6*550			550	21.7			141	5.56				
HX-SD 4.6*650			650	25.6			167	6.58				
HX-SD 4.6*700			700	27.6			179	7.05				
HX-SD 4.6*800			800	31.5			193	7.6				
HX-SD 4.6*900			900	35.4			200	7.87				
HX-SD 4.6*1000			1000	39.4			206	8.12				
HX-SD 4.6*1100			1100	43.3			278	10.94				
	7.9	0.31	150	5.9	0.26	0.01	37	1.46	12.7	0.5	1500	340
HX-SD 7.9*200			200	7.9			50	1.97				
HX-SD 7.9*250			250	9.8			63	2.5				
HX-SD 7.9*300			300	11.8			76	3				
HX-SD 7.9*350			350	13.8			89	3.5				
HX-SD 7.9*400			400	15.7			102	4				
HX-SD 7.9*500			500	19.7			128	5				
HX-SD 7.9*600			600	23.6			154	6.07				
HX-SD 7.9*800			800	31.5			193	7.6				
HX-SD 7.9*1000			1000	39.4			206	8.12				
HX-SD 10*300	10	0.39	300	11.8	0.26	0.01	76	3	12.7	0.5	2100	480
HX-SD 10*350			350	13.8			89	3.5				
HX-SD 10*400			400	15.7			102	4				
HX-SD 10*500			500	19.7			128	5				
HX-SD 10*600			600	23.6			154	6.07				
HX-SD 10*800			800	31.5			193	7.6				
HX-SD 10*1000			1000	39.4			206	8.12				
HX-SD 12*350	12	0.47	350	13.8	0.35	0.014	78	3.07	25.4	1	3000	675
HX-SD 12*400			400	15.7			102	4.02				
HX-SD 12*500			500	19.7			128	5.04				
HX-SD 12*600			600	23.6			154	6.06				
HX-SD 12*750			750	29.5			188	7.4				
HX-SD 12*900			900	35.4			228	8.98				
HX-SD 12*1100			1100	43.3			278	10.94				

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Stainless Steel Cable Tie

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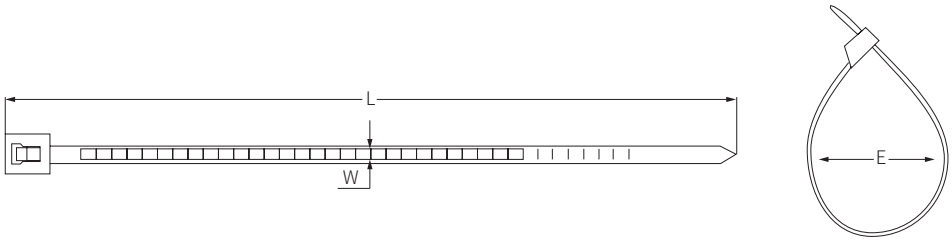
HX-SD

CE ROHS

型号 Item No	宽度 W Breadth		长度 L Length		厚度 Thickness		最大捆绑直径 Max. bundle range		最小捆绑直径 Min. bundle range		最小拉力 Min. pulling force	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	n	lbs
HX-SD 12.7*350	12.7	0.5	350	13.8	0.35	0.014	78	3.07	25.4	1	3200	720
HX-SD 12.7*400			400	15.7			102	4.02				
HX-SD 12.7*500			500	19.7			128	5.04				
HX-SD 12.7*600			600	23.6			154	6.06				
HX-SD 12.7*750			750	29.5			188	7.4				
HX-SD 12.7*900			900	35.4			228	8.98				
HX-SD 12.7*1100			1100	43.3			278	10.94				
HX-SD 15*350	15	0.59	350	13.8	0.35	0.014	78	3.07	25.4	1	4000	900
HX-SD 15*400			400	15.7			102	4.02				
HX-SD 15*450			450	17.7			108	4.25				
HX-SD 15*600			600	23.6			148	5.83				
HX-SD 15*750			750	29.5			184	7.24				
HX-SD 15*900			900	35.4			220	8.66				
HX-SD 15*1100			1100	43.3			272	10.71				



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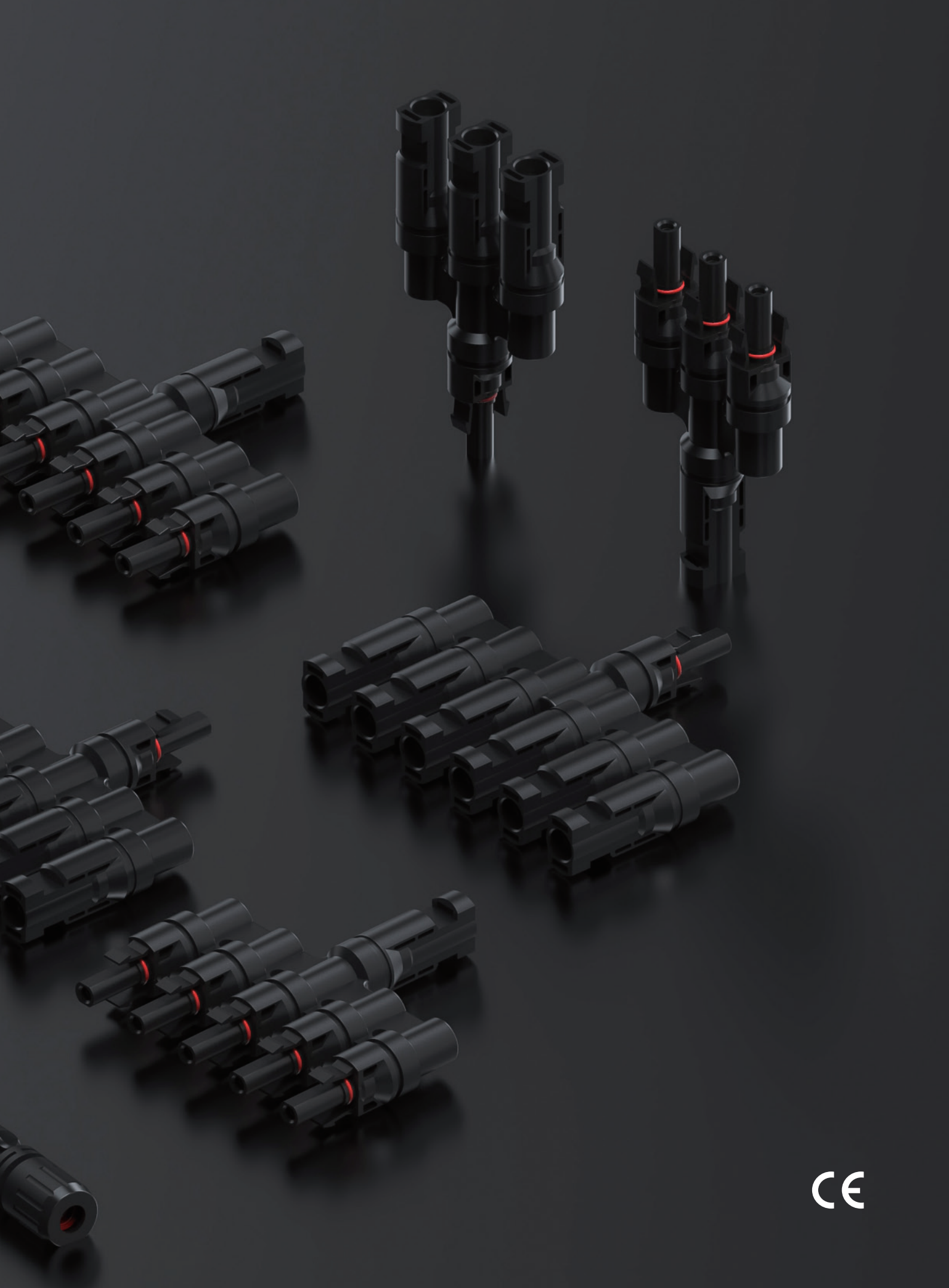
光伏连接器

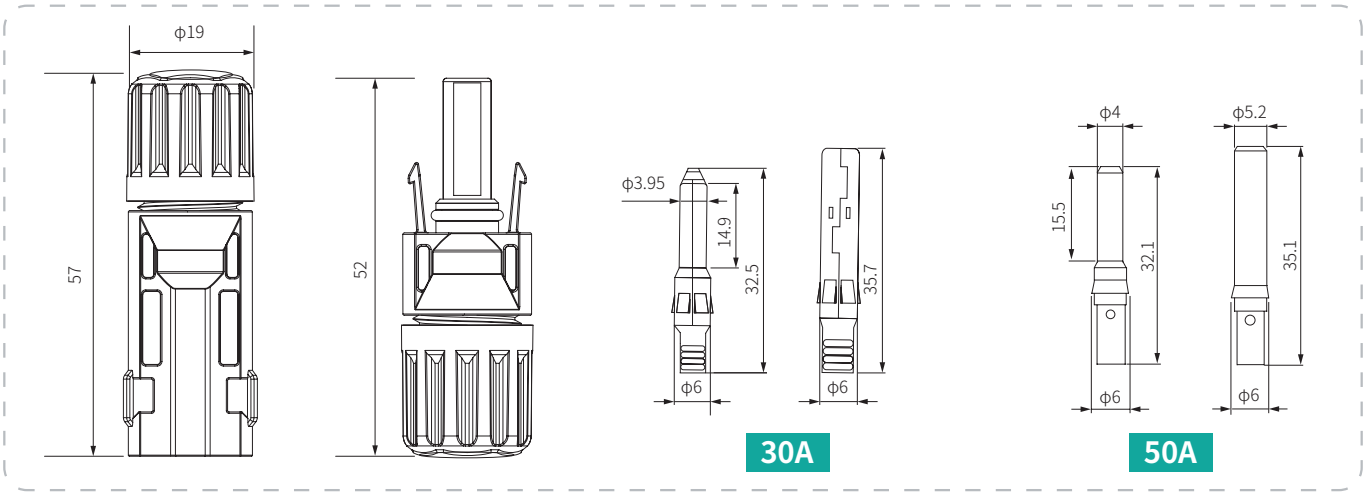
Solar Connector



技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC(IEC)[1] 1000V/1000V DC(UL)[1]
额定电流 /Rated current	17A(1.5mm²) 22A(2.5mm²;14AWG) 30A(4mm2;6mm²;12AWG,10AWG)
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PA
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

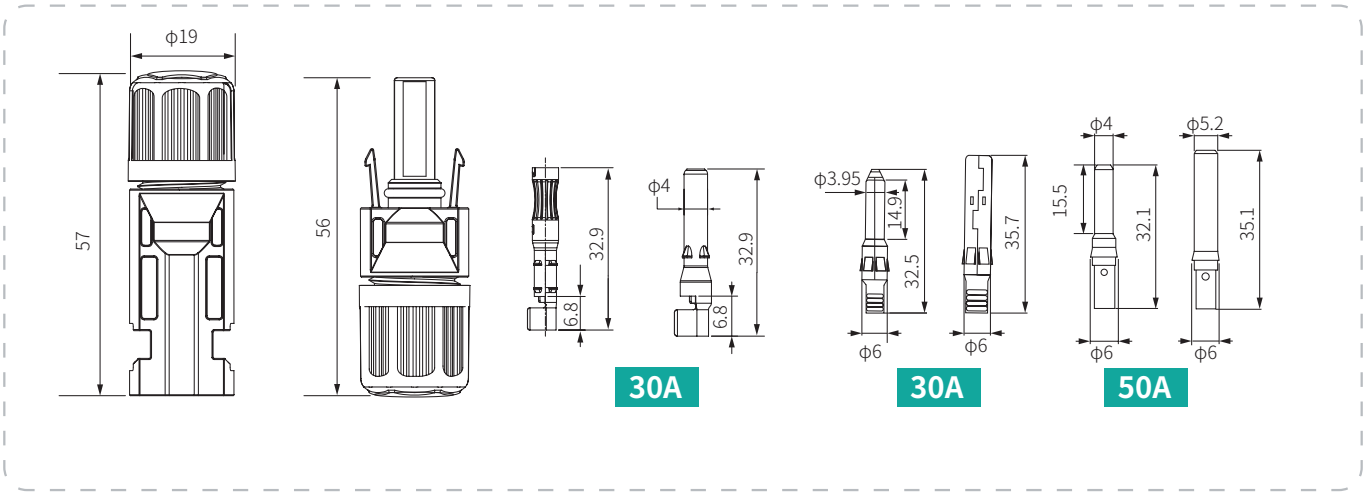


HX-MC4-01（1000V）

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC(IEC)[1]
额定电流 /Rated current	17A(1.5mm²) 22A(2.5mm²;14AWG) 30A(4mm2;6mm²;12AWG,10AWG)
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PPO
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

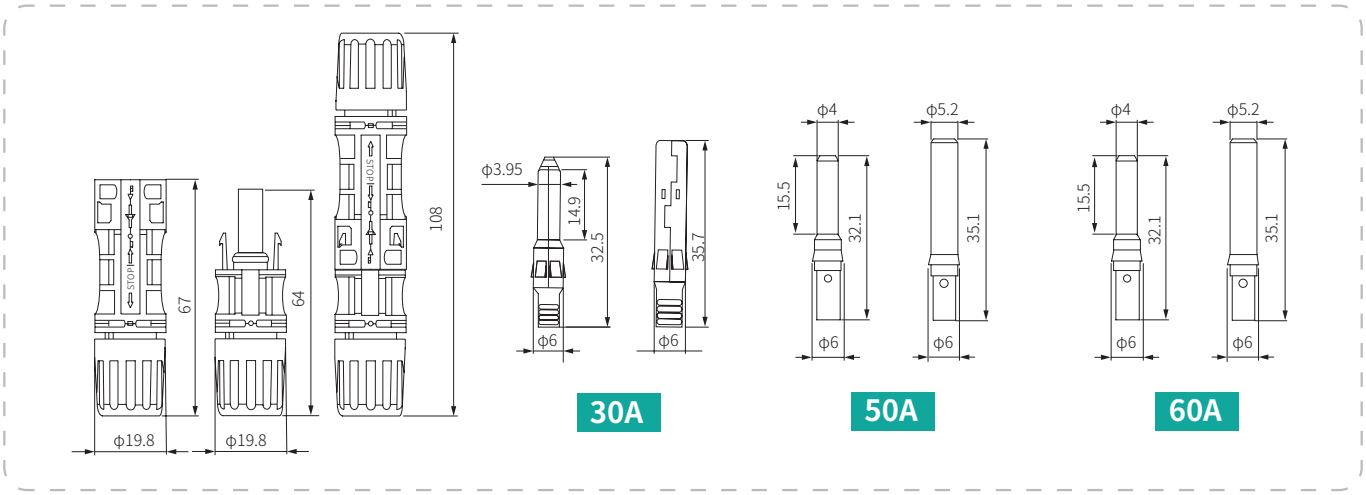


HX-MC4-02（1000V）

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1500V DC(IEC)[1] 1000V/1500V DC(UL)[1]
额定电流 /Rated current	17A(1.5mm²) 22A(2.5mm²;14AWG) 30A(4mm²;6mm²;10mm²;12AWG,10AWG)
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PV
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

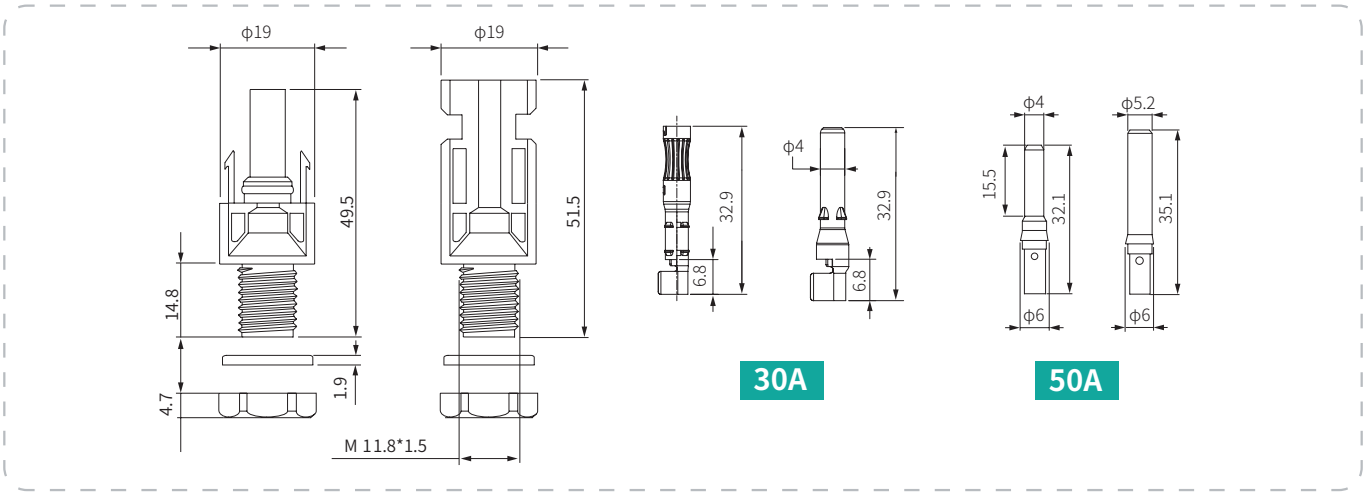


HX-MC4-03（1500V）

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC(IEC)[1]
额定电流 /Rated current	17A(1.5mm²) 22A(2.5mm²;14AWG) 30A(4mm2;6mm²;12AWG,10AWG)
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PPO
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

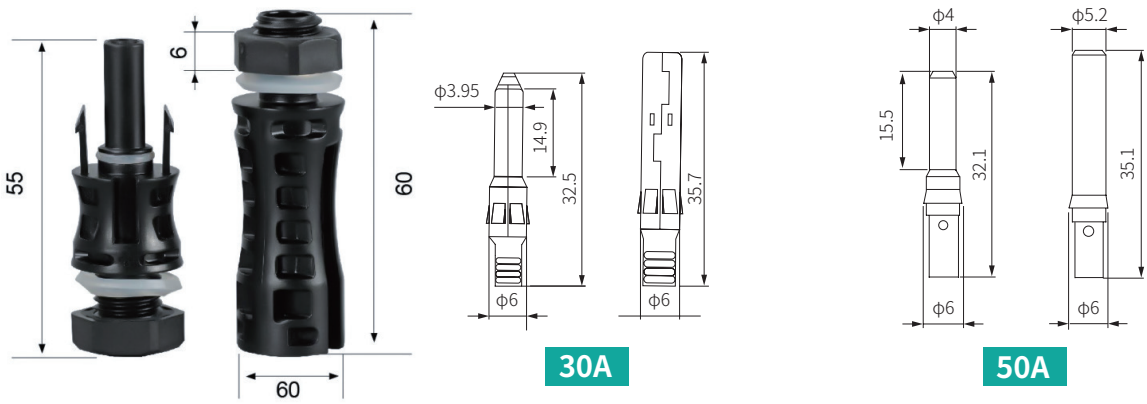


HX-MC4-M01（1000V）

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1500V DC(IEC)[1] 1000V/1500V DC(UL)[1]
额定电流 /Rated current	17A(1.5mm²) 22A(2.5mm²;14AWG) 30A(4mm²;6mm²;10mm²;12AWG,10AWG)
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PV
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

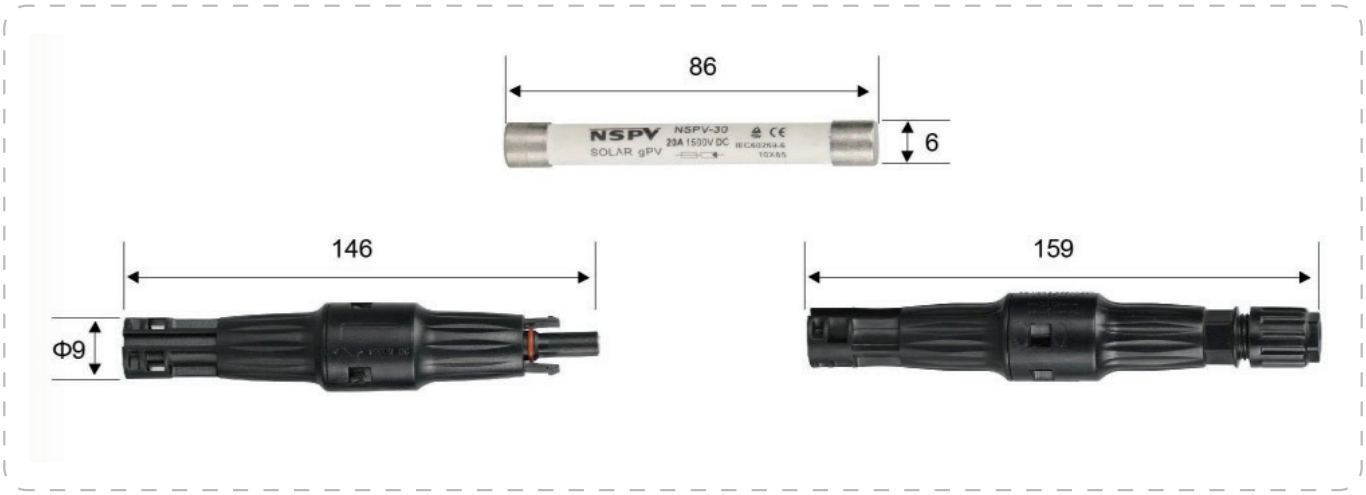


HX-MC4-M02（1500V）

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC(IEC)[1] 1000V/1500V DC(UL)[1]
额定电流 /Rated current	17A(1.5mm²) 22A(2.5mm²;14AWG) 30A(4mm²;6mm²;12AWG,10AWG)
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PPO
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

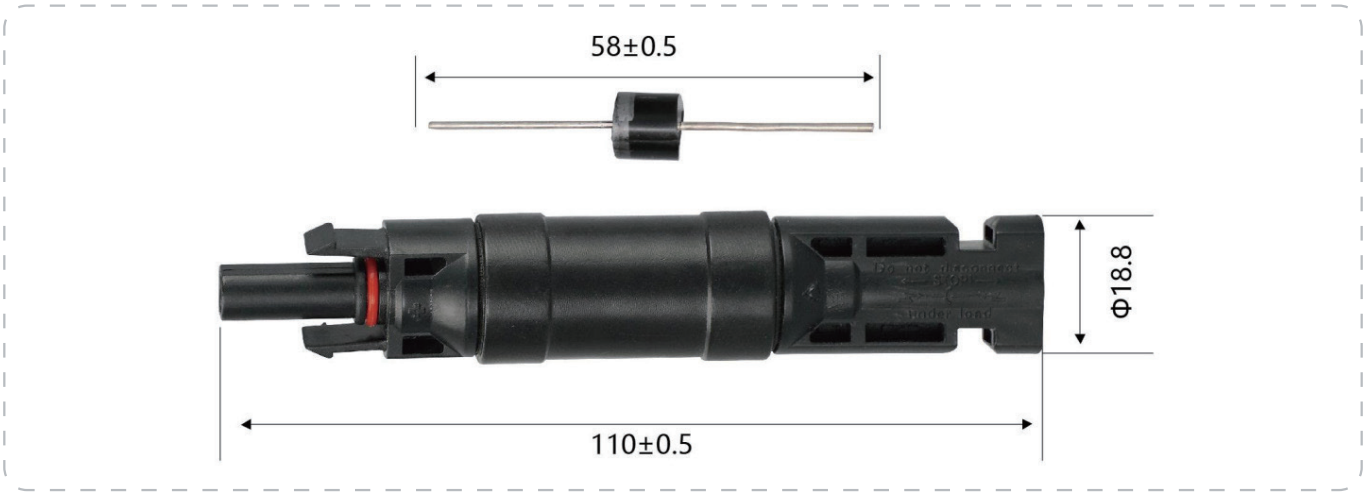


HX-MC4-B01（1000V）

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC
额定电流 /Rated current	10A 15A 20A
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PPO
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

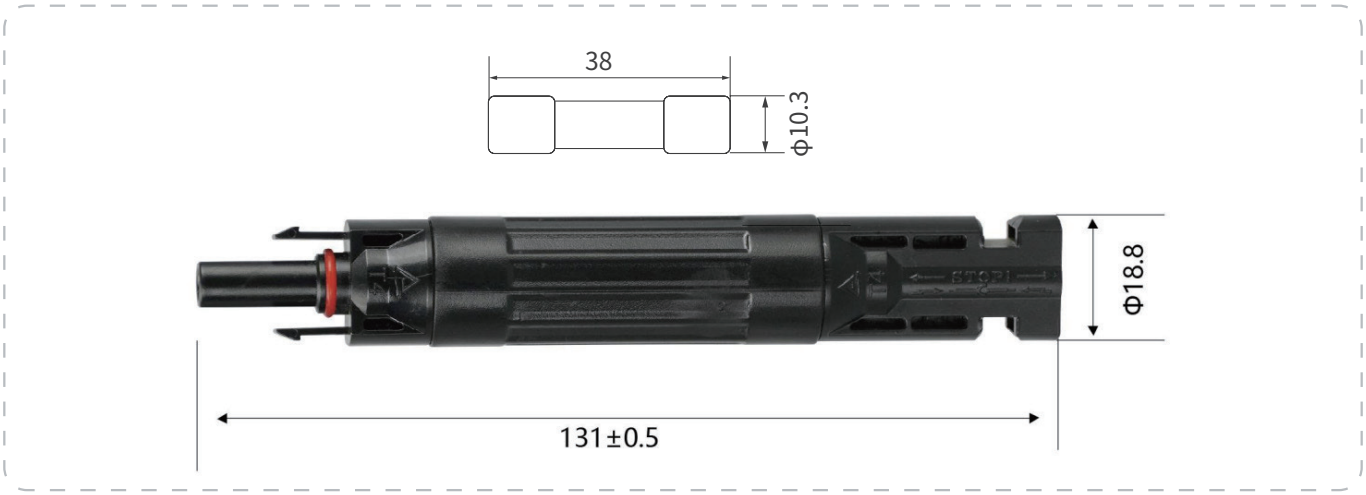


HX-MC4-B02

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC
额定电流 /Rated current	10A 15A 20A 30A
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PPO
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

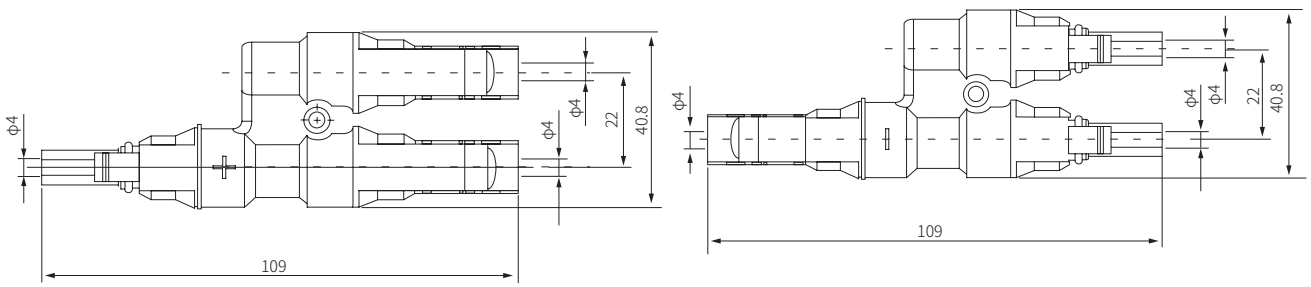


HX-MC4-B03

技术数据 / Technical Data

绝缘材料 /Insulation material	PPO
额触头材料 /Contact material	铜， 镀锡 /Copper, Tin plated
适用电流 /Suitable Currentt	50A
额定电流 /Rated current	1000V (TUV) 600V (UL)
测试电压 /Test voltage	6KV(TUV50HZ,1min)
接触电阻 /Contact Resistance	＜ 0.5mΩ
保护等级，配接 /Degree of protection,mated	IP67
环境温度范围 /Ambient temperature range	-40°C ~+85°C
安全等级 /Safetyclass	UL94-V0
火焰等级 /Flame class	II
引脚尺寸 /Pin Dimensions	Φ4mm

尺寸图 /DIMENSIONAL DRAWING(MM)

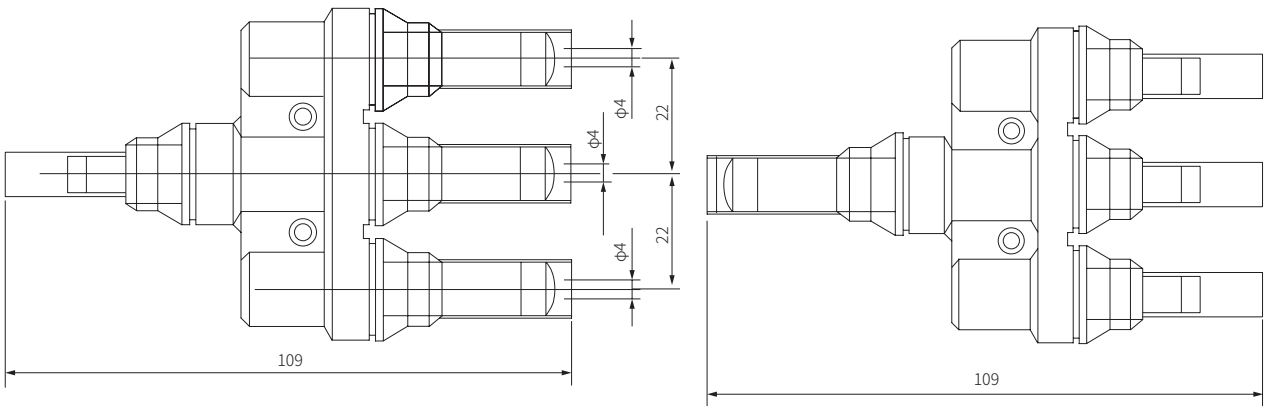


HX-MC4-T3

技术数据 / Technical Data

绝缘材料 /Insulation material	PPO
额触头材料 /Contact material	铜， 镀锡 /Copper, Tin plated
适用电流 /Suitable Currentt	50A
额定电流 /Rated current	1000V (TUV) 600V (UL)
测试电压 /Test voltage	6KV(TUV50HZ,1min)
接触电阻 /Contact Resistance	＜ 0.5mΩ
保护等级，配接 /Degree of protection,mated	IP67
环境温度范围 /Ambient temperature range	-40°C ~+85°C
安全等级 /Safetyclass	UL94-V0
火焰等级 /Flame class	II
引脚尺寸 /Pin Dimensions	Φ4mm

尺寸图 /DIMENSIONAL DRAWING(MM)

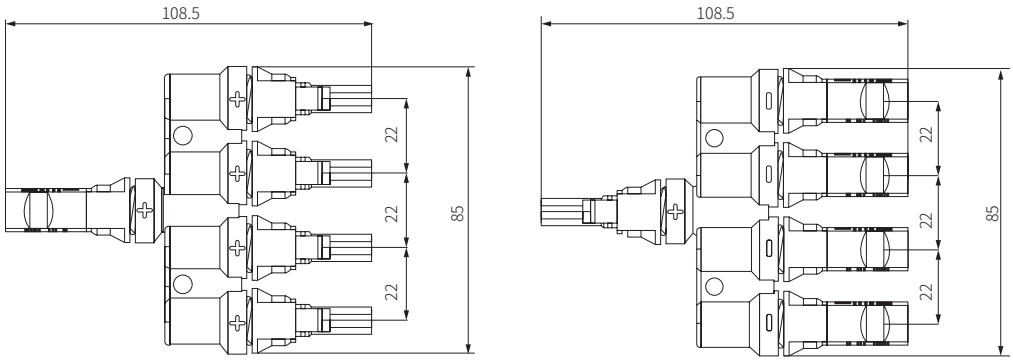


HX-MC4-T4

技术数据 / Technical Data

绝缘材料 /Insulation material	PPO
额触头材料 /Contact material	铜， 镀锡 /Copper, Tin plated
适用电流 /Suitable Currentt	30A
额定电流 /Rated current	1000V (TUV) 600V (UL)
测试电压 /Test voltage	6KV(TUV50HZ,1min)
接触电阻 /Contact Resistance	＜ 0.5mΩ
保护等级，配接 /Degree of protection,mated	IP67
环境温度范围 /Ambient temperature range	-40°C ~+85°C
安全等级 /Safetyclass	UL94-V0
火焰等级 /Flame class	II
引脚尺寸 /Pin Dimensions	Φ4mm

尺寸图 /DIMENSIONAL DRAWING(MM)

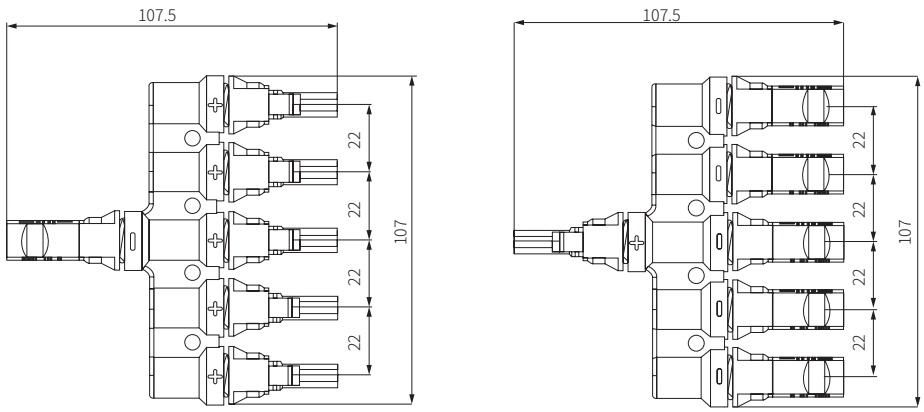


HX-MC4-T5

技术数据 / Technical Data

绝缘材料 /Insulation material	PPO
额触头材料 /Contact material	铜， 镀锡 /Copper, Tin plated
适用电流 /Suitable Currentt	30A
额定电流 /Rated current	1000V (TUV) 600V (UL)
测试电压 /Test voltage	6KV(TUV50HZ,1min)
接触电阻 /Contact Resistance	＜ 0.5mΩ
保护等级，配接 /Degree of protection,mated	IP67
环境温度范围 /Ambient temperature range	-40°C ~+85°C
安全等级 /Safetyclass	UL94-V0
火焰等级 /Flame class	II
引脚尺寸 /Pin Dimensions	Φ4mm

尺寸图 /DIMENSIONAL DRAWING(MM)

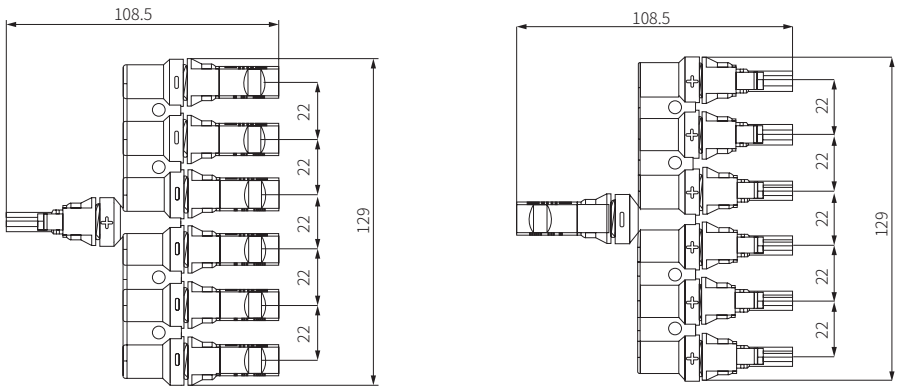


HX-MC4-T6

技术数据 / Technical Data

绝缘材料 /Insulation material	PPO
额触头材料 /Contact material	铜， 镀锡 /Copper, Tin plated
适用电流 /Suitable Currentt	50A
额定电流 /Rated current	1000V (TUV) 600V (UL)
测试电压 /Test voltage	6KV(TUV50HZ,1min)
接触电阻 /Contact Resistance	＜ 0.5mΩ
保护等级，配接 /Degree of protection,mated	IP67
环境温度范围 /Ambient temperature range	-40°C ~+85°C
安全等级 /Safetyclass	UL94-V0
火焰等级 /Flame class	II
引脚尺寸 /Pin Dimensions	Φ4mm

尺寸图 /DIMENSIONAL DRAWING(MM)



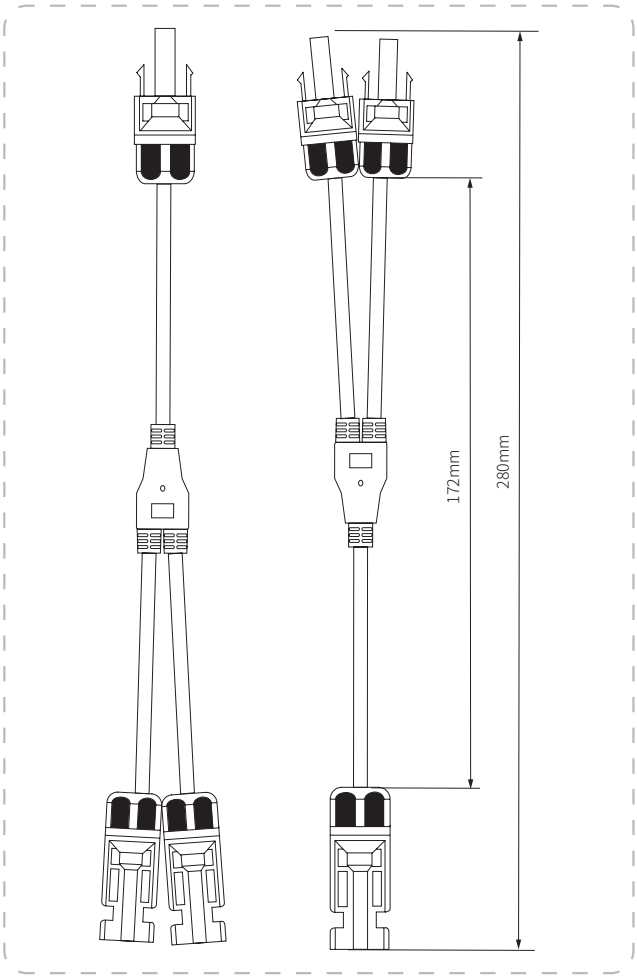
HX-MC4-T7

分支电缆
Branch Cable

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC(IEC)[1]
额定电流 /Rated current	30A
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PA
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)



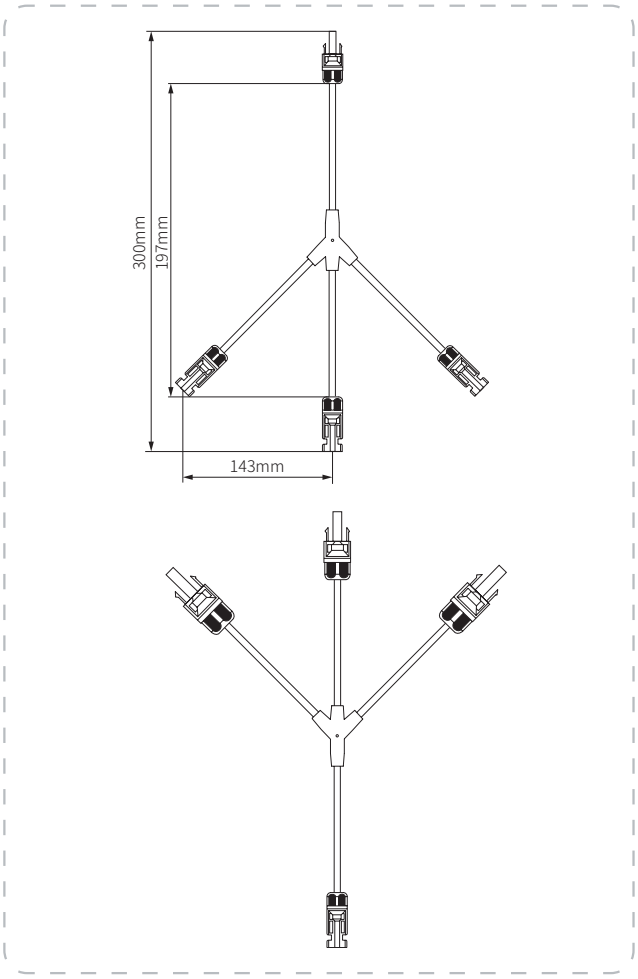
HX-MC4-Y3

分支电缆
Branch Cable

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC(IEC)[1]
额定电流 /Rated current	30A
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PA
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)

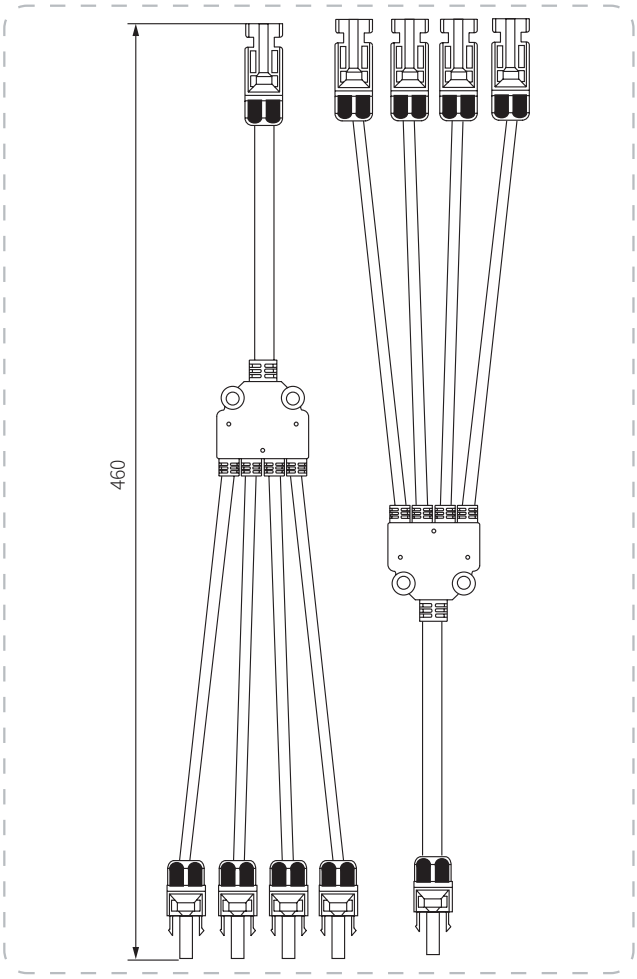


HX-MC4-Y4

技术数据 / Technical Data

连接器系统 /Connector system	Φ4mm
额定电压 /Rated voltage	1000V DC(IEC)[1]
额定电流 /Rated current	30A
测试电压 /Test voltage	6kV(50HZ,1min.)
环境温度范围 /Ambient temperature range	-40° c...+90°C (IEC) -40°C ...+75°C (UL)
上限温度 /Upper limiting temper ature	+105° C(IEC)
保护等级，配接 /Degree of protection,mated	IP67
未配对 /unmated	IP2X
插头连接器的耐受性 /Comtact resistanceof plug connectors	0.5mΩ
安全等级 /Safetyclass	II
触头材料 /Contact material	铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated
绝缘材料 /Insulation material	PC/PA
锁定系统 /Locking system	管理单元 /Snap-in
火焰等级 /Flame class	UL94-V0
盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5	IEC 60068-2-52

尺寸图 /DIMENSIONAL DRAWING(MM)



HX-MC4-Y5

Hoonsun

Eighteen years for only one thing!

快插连接器

Quick Waterproof Connectors

IP68
RoHS
M20

HX-KC.M16S

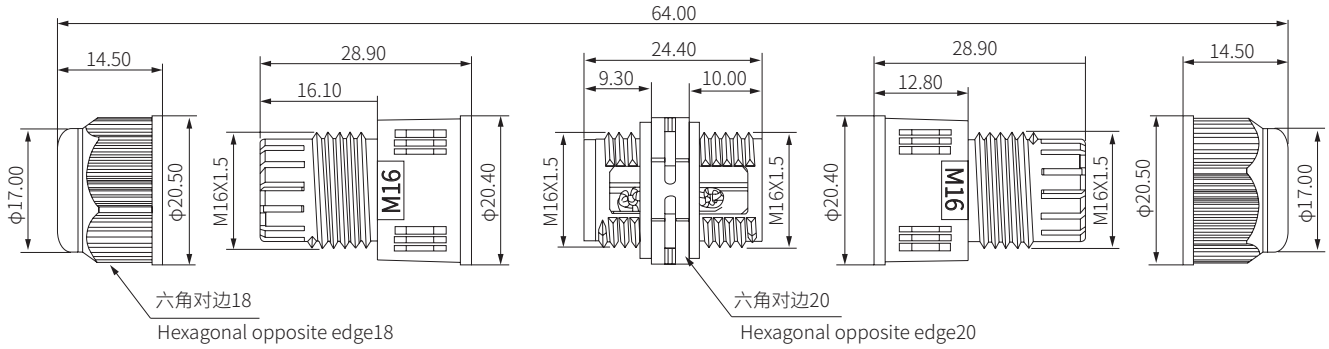
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ3-6.5 Φ4-8 Φ7-10
接线方式 /Wiring	螺丝压接 /Screw Crimping
导体材质 /Conductor material	59-1 黄铜镀镍 /59-1 Brass Nickel Plated
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	250V
额定电压 / 电流 /Rated voltage/Current	400V/25A
阻燃等级 /Flammability Rating	UL-94V0

规格参数表 /Specification table

规格 specification	芯数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
M16	2 芯	3-6.5	20	HX-KC.M16S/M2-6.5
		4-8	20	HX-KC.M16S/M2-8
		7-10	20	HX-KC.M16S/M2-10
	3 芯	3-6.5	20	HX-KC.M16S/M3-6.5
		4-8	20	HX-KC.M16S/M3-8
		7-10	20	HX-KC.M16S/M3-10

使用图示 /Use the diagram

尺寸图 /Dimensional drawing



HX-KC.M25S

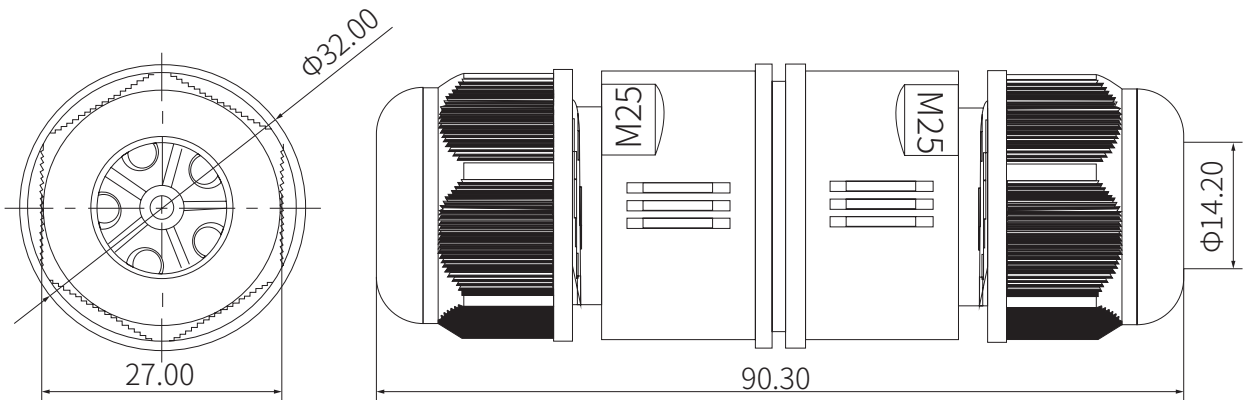
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ5-8 Φ9-12 Φ10-14
接线方式 /Wiring	螺丝压接 /Screw Crimping
导体材质 /Conductor material	Y2 紫铜镀镍 + 不锈钢 /Y2 copper nickel plated + stainless steel
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	2500V
额定电压 / 电流 /Rated voltage/Current	400V/25A
阻燃等级 /Flammability Rating	UL-94V0

规格参数表 /Specification table

规格 specification	芯数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
M25	2 芯	5-8	10	HX-KC.M25S/M2-8
		9-12	10	HX-KC.M25S/M2-12
		10-14	10	HX-KC.M25S/M2-14
	3 芯	5-8	10	HX-KC.M25S/M3-8
		9-12	10	HX-KC.M25S/M3-12
		10-14	10	HX-KC.M25S/M3-14
	4 芯	5-8	10	HX-KC.M25S/M4-8
		9-12	10	HX-KC.M25S/M4-12
		10-14	10	HX-KC.M25S/M4-14
	5 芯	5-8	10	HX-KC.M25S/M5-8
		9-12	10	HX-KC.M25S/M5-12
		10-14	10	HX-KC.M25S/M5-14

使用图示 /Use the diagram

尺寸图 /Dimensional drawing



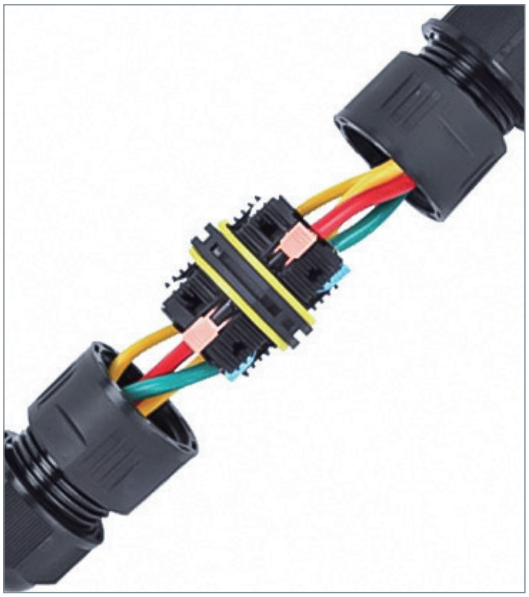
HX-KC.M20

防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ5-8 Φ9-12
导体材质 /Conductor material	Y2 紫铜镀镍 + 不锈钢 /Y2 copper nickel plated + stainless steel
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	2500V
额定电压 / 电流 /Rated voltage/Current	400V/25A
阻燃等级 /Flammability Rating	UL-94V0

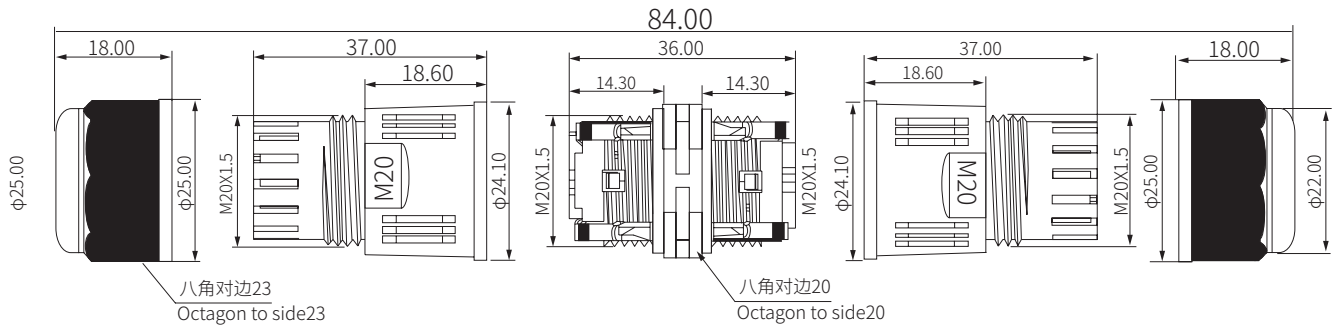
规格参数表 /Specification table

规格 specification	芯数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
M20	2 芯	5-8	20	HX-KC.M20/M2-8
		9-12	20	HX-KC.M20/M2-12
	3 芯	5-8	20	HX-KC.M20/M3-8
		9-12	20	HX-KC.M20/M3-12

使用图示 /Use the diagram



尺寸图 /Dimensional drawing



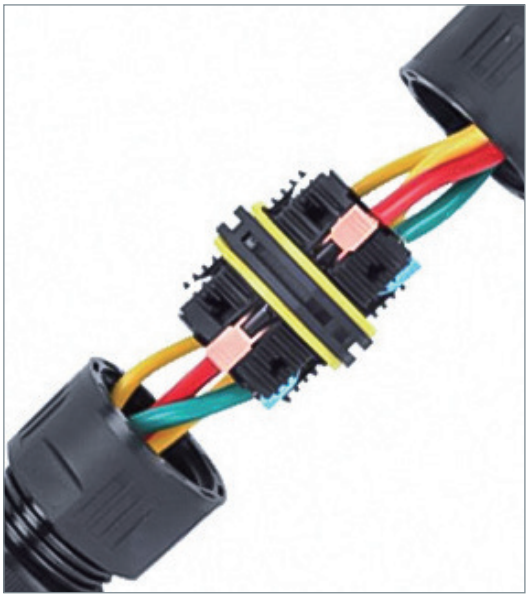
HX-KC.M25

防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ5-8 Φ9-12 Φ10-14
导体材质 /Conductor material	Y2 紫铜镀镍 + 不锈钢 /Y2 copper nickel plated + stainless steel
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	2500V
额定电压 / 电流 /Rated voltage/Current	400V/25A
阻燃等级 /Flammability Rating	UL-94V0

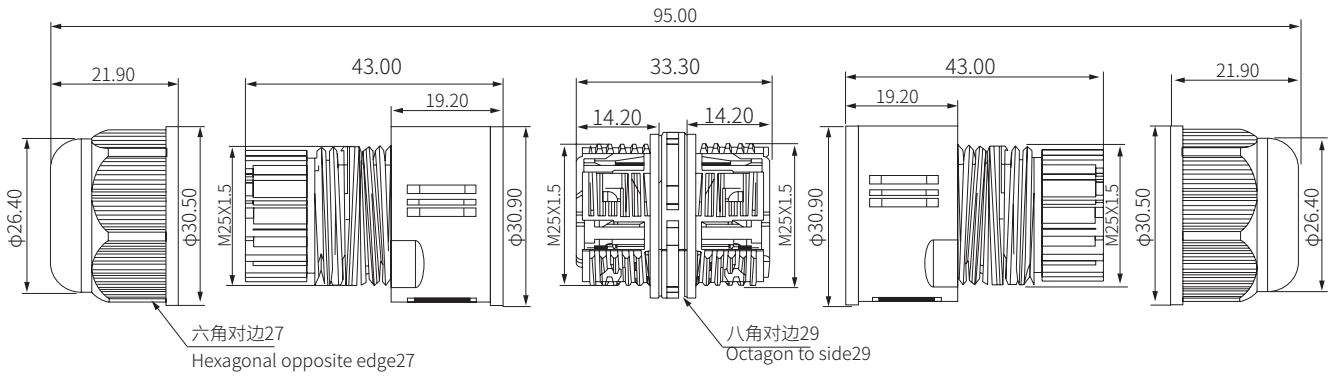
规格参数表 /Specification table

规格 specification	芯数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
M25	2 芯	5-8	10	HX-KC.M25/M2-8
		9-12	10	HX-KC.M25/M2-12
		10-14	10	HX-KC.M25/M2-14
	3 芯	5-8	10	HX-KC.M25/M3-8
		9-12	10	HX-KC.M25/M3-12
		10-14	10	HX-KC.M25/M3-14
	4 芯	5-8	10	HX-KC.M25/M4-8
		9-12	10	HX-KC.M25/M4-12
		10-14	10	HX-KC.M25/M4-14
	5 芯	5-8	10	HX-KC.M25/M5-8
		9-12	10	HX-KC.M25/M5-12
		10-14	10	HX-KC.M25/M5-14

使用图示 /Use the diagram



尺寸图 /Dimensional drawing



HX-KC.M25F

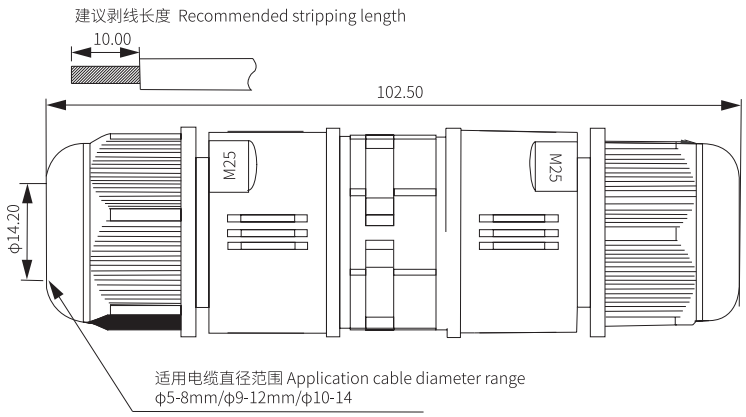
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ5-8 Φ9-12 Φ10-14
导体材质 /Conductor material	Y2 紫铜镀镍 + 不锈钢 /Y2 copper nickel plated + stainless steel
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	2500V
额定电压 / 电流 /Rated voltage/Current	400V/25A
阻燃等级 /Flammability Rating	UL-94V0

规格参数表 /Specification table

规格 specification	芯数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
M25	2 芯	5-8	10	HX-KC.M25F/M2-8
		9-12	10	HX-KC.M25F/M2-12
		10-14	10	HX-KC.M25F/M2-14
	3 芯	5-8	10	HX-KC.M25F/M3-8
		9-12	10	HX-KC.M25F/M3-12
		10-14	10	HX-KC.M25F/M3-14

使用图示 /Use the diagram

尺寸图 /Dimensional drawing



防水 T 型快插连接器
Waterproof T-type quick plug connector

HX-KC.M20T

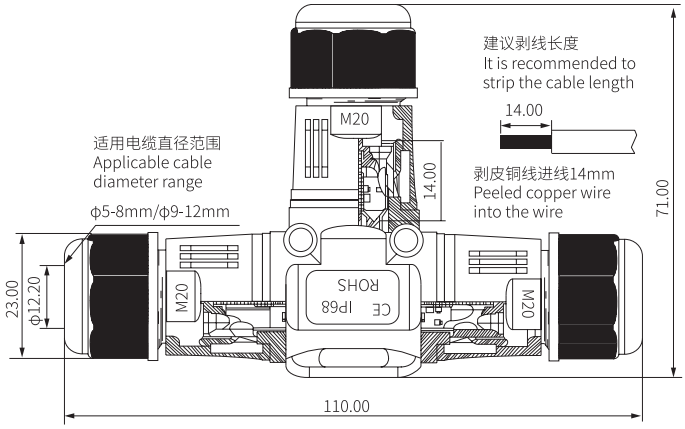
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ5-8 Φ9-12
接线方式 /Wiring	卡扣按压接线 /Snap-on Wiring
导体材质 /Conductor material	Y2 紫铜镀镍 + 不锈钢 /Y2 copper nickel plated + stainless steel
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	1500V
额定电压 / 电流 /Rated voltage/Current	380V/16A
阻燃等级 /Flammability Rating	UL-94V0

规格参数表 /Specification table

规格 specification	芯数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
M20	2 芯	5-8	10	HX-KC.M20T/M2-8
		9-12	10	HX-KC.M20T/M2-12
	3 芯	5-8	10	HX-KC.M20T/M3-8
		9-12	10	HX-KC.M20T/M3-12

使用图示 /Use the diagram

尺寸图 /Dimensional drawing



防水 T 型快插连接器
Waterproof T-type quick plug connector

HX-KC.M25T-F

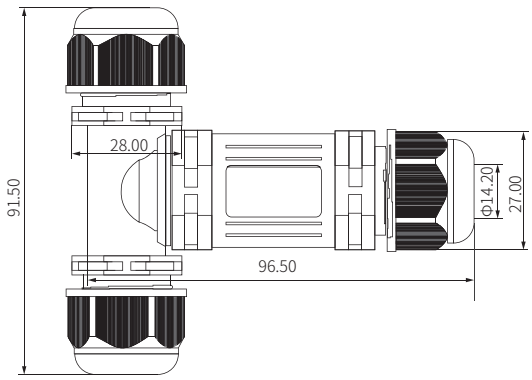
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ5-8 Φ9-12 Φ10-14
接线方式 /Wiring	螺丝压接 /Screw Crimping
导体材质 /Conductor material	59-1 黄铜镀镍 /59-1 Brass Nickel Plated
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	1500V
额定电压 / 电流 /Rated voltage/Current	25A/380V
阻燃等级 /Flammability Rating	UL-94V0

规格参数表 /Specification table

规格 specification	芯数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
M25	2 芯	5-8	5	HX-KC.M25T-F/M2-8
		9-12	5	HX-KC.M25T-F/M2-12
		10-14	5	HX-KC.M25T-F/M2-14
	3 芯	5-8	5	HX-KC.M25T-F/M3-8
		9-12	5	HX-KC.M25T-F/M3-12
		10-14	5	HX-KC.M25T-F/M3-14
	4 芯	5-8	5	HX-KC.M25T-F/M4-8
		9-12	5	HX-KC.M25T-F/M4-12
		10-14	5	HX-KC.M25T-F/M4-14
	5 芯	5-8	5	HX-KC.M25T-F/M5-8
		9-12	5	HX-KC.M25T-F/M5-12
		10-14	5	HX-KC.M25T-F/M5-14

使用图示 /Use the diagram

尺寸图 /Dimensional drawing



Y 型防水快插连接器

Y-type waterproof quick plug connector

HX-KC.M25

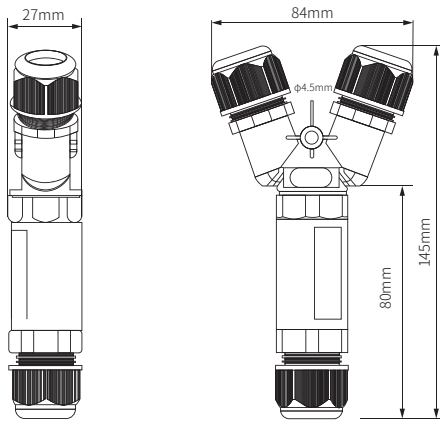
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ5-8 Φ9-12 Φ10-14
接线方式 /Wiring	螺丝压接 /Screw Crimping
导体材质 /Conductor material	59-1 黄铜镀镍 /59-1 Brass Nickel Plated
适用线平方数 /The number of lines squared applies	0.5~4mm²
测试电压 /Test Voltage	1500V
额定电压 / 电流 /Rated voltage/Current	32A/450V
阻燃等级 /Flammability Rating	UL-94V0

规格参数表 /Specification table

规格 specification	芯数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
M25	2 芯	5-8	5	HX-KC.M25/M2-8
		9-12	5	HX-KC.M25/M2-12
		10-14	5	HX-KC.M25/M2-14
	3 芯	5-8	5	HX-KC.M25/M3-8
		9-12	5	HX-KC.M25/M3-12
		10-14	5	HX-KC.M25/M3-14
	4 芯	5-8	5	HX-KC.M25/M4-8
		9-12	5	HX-KC.M25/M4-12
		10-14	5	HX-KC.M25/M4-14
	5 芯	5-8	5	HX-KC.M25/M5-8
		9-12	5	HX-KC.M25/M5-12
		10-14	5	HX-KC.M25/M5-14

使用图示 /Use the diagram

尺寸图 /Dimensional drawing



HX-FSH.H1-2T

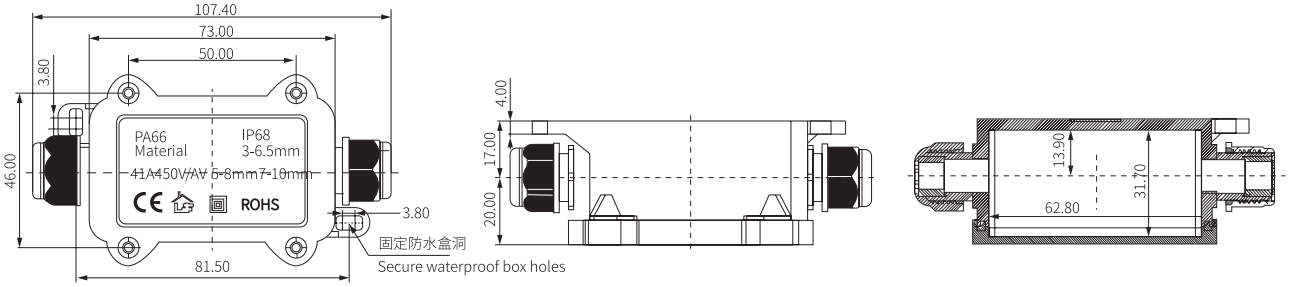
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ3-6.5 Φ4-8 Φ7-10(3 种胶塞可供选择 / There are 3 types of stoppers to choose from)
接线方式 /Wiring	螺丝压接 /Screw Crimping
导体材质 /Conductor material	59-1 黄铜镀镍 /59-1 Brass Nickel Plated
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	1500V
额定电压 / 电流 /Rated voltage/Current	24A/450V
阻燃等级 /Flammability Rating	UL-94V0

规格参数表 /Specification table

规格 specification	通孔数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
H1	2 通	3-6.5	1	HX-FSH.H1-2T-6.5
		5-8	1	HX-FSH.H1-2T-8
		7-10	1	HX-FSH.H1-2T-10

使用图示 /Use the diagram

尺寸图 /Dimensional drawing



迷你防水盒
Mini waterproof box

HX-FSH.H1-3T

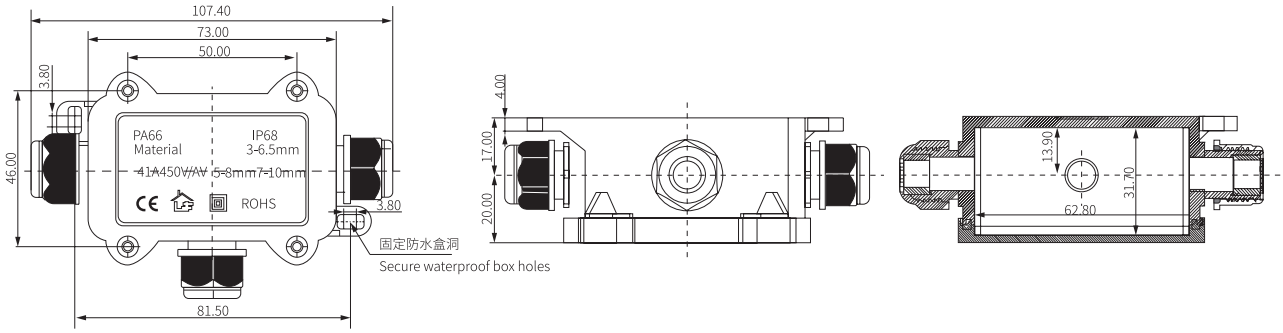
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ3-6.5 Φ5-8 Φ7-10(3 种胶塞可供选择 / There are 3 types of stoppers to choose from)
接线方式 /Wiring	螺丝压接 /Screw Crimping
导体材质 /Conductor material	59-1 黄铜镀镍 /59-1 Brass Nickel Plated
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	1500V
额定电压 / 电流 /Rated voltage/Current	450V/24A
阻燃等级 /Flammability Rating	UL-94V0

规格参数表 /Specification table

规格 specification	通孔数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
H1	3 通	3-6.5	1	HX-FSH.H1-3T-6.5
		5-8	1	HX-FSH.H1-3T-6.5
		7-10	1	HX-FSH.H1-3T-10

使用图示 /Use the diagram

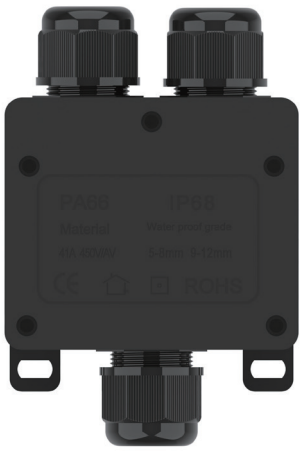
尺寸图 /Dimensional drawing



迷你防水盒
Mini waterproof box

HX-FSH.H2-3T

防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ5-8 Φ9-12 (2 种胶塞可供选择 / There are 2 types of stoppers to choose from)
接线方式 /Wiring	螺丝压接 /Screw Crimping
导体材质 /Conductor material	59-1 黄铜镀镍 /59-1 Brass Nickel Plated
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	1500V
额定电压 / 电流 /Rated voltage/Current	24A/450V
阻燃等级 /Flammability Rating	UL-94V0

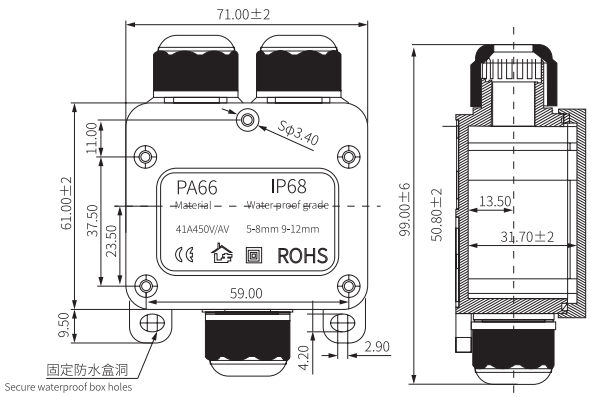


规格参数表 /Specification table

规格 specification	通孔数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
H2	3 通	5-8	1	HX-FSH.H2-3T-8
		9-12	1	HX-FSH.H2-3T-12

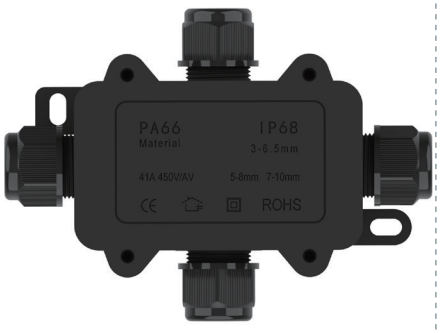
使用图示 /Use the diagram

尺寸图 /Dimensional drawing



HX-FSH.H1-4T

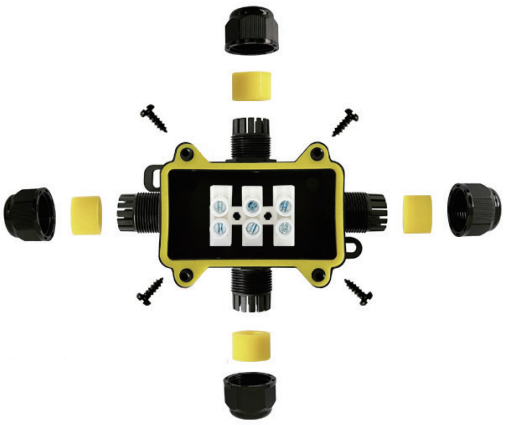
防护等级 /Ingress protection	IP68
耐温性 /Temperature resistance	-40°C ~105°C
存贮温度 /Storage temperature	常温 /Room Temperature
主体材质 /Body Material	PA66 尼龙 (阻燃)/PA66 Nylon (Flame Retardant)
O 型圈材质 /O-ring material	硅胶 (环保材质)/Silicone (Environmentally Friendly Material)
适用电缆范围 /Applicable cable range	Φ3-6.5 Φ4-8 Φ7-10(3 种胶塞可供选择 / There are 3 types of stoppers to choose from)
接线方式 /Wiring	螺丝压接 /Screw Crimping
导体材质 /Conductor material	59-1 黄铜镀镍 /59-1 Brass Nickel Plated
适用线平方数 /The number of lines squared applies	0.5~2.5mm²
测试电压 /Test Voltage	1500V
额定电压 / 电流 /Rated voltage/Current	450V/24A
阻燃等级 /Flammability Rating	UL-94V0



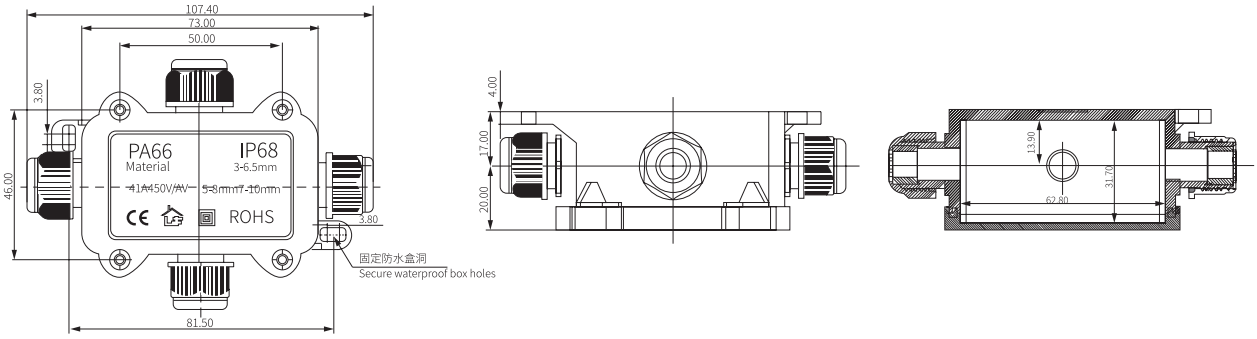
规格参数表 /Specification table

规格 specification	通孔数 Number of cores	锁紧范围 Locking range	数量 / 包 Quantity/package	产品编号 Product number
H1	4 通	3-6.5	1	HX-FSH.H1-4T-6.5
		5-8	1	HX-FSH.H1-4T-8
		7-10	1	HX-FSH.H1-4T-10

使用图示 /Use the diagram



尺寸图 /Dimensional drawing



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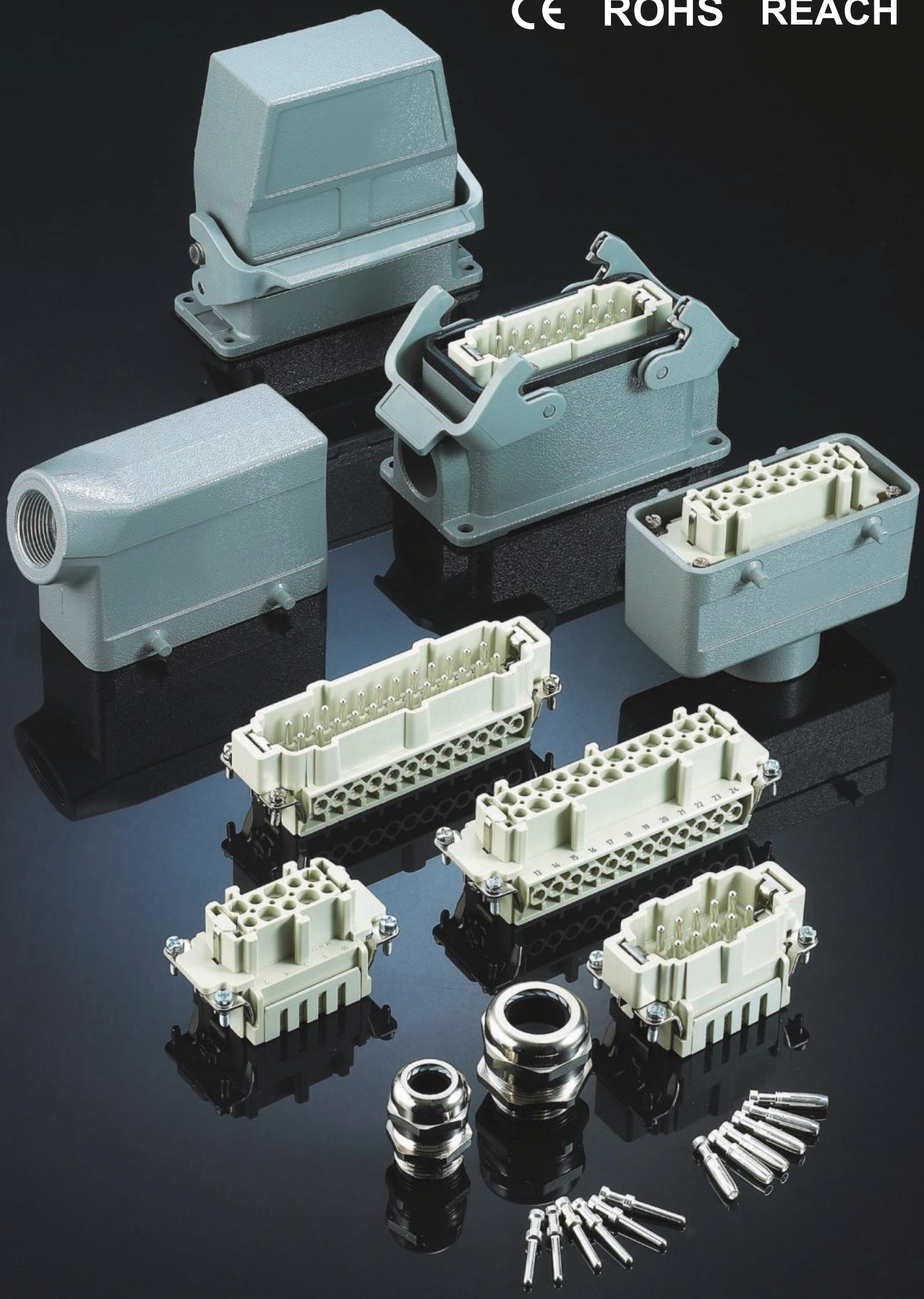
重载连接器系列

Heavy Duty Connector Series

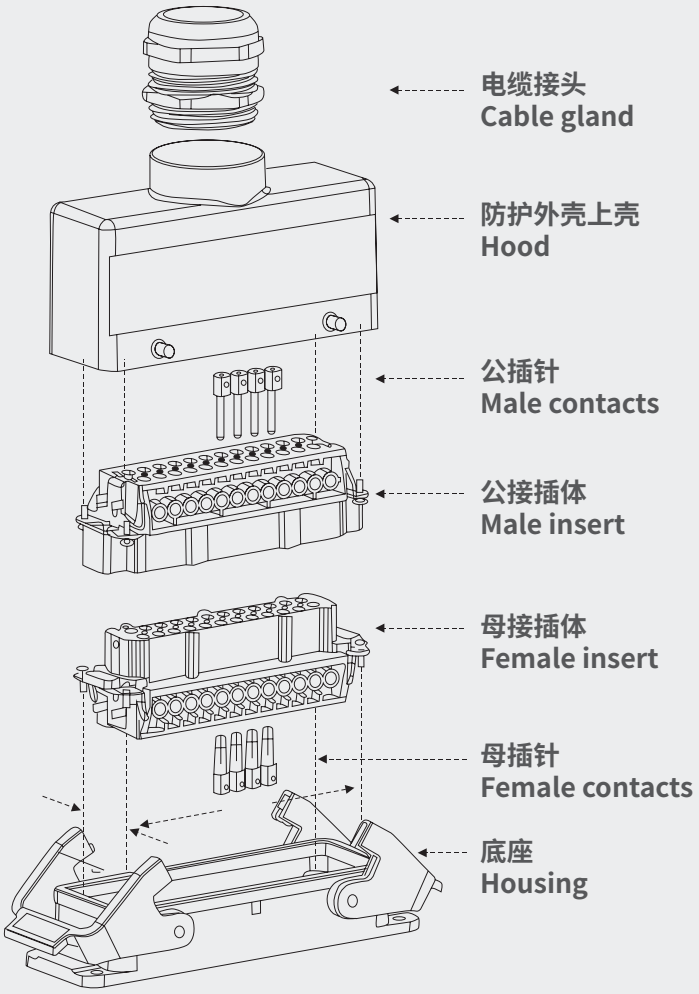
CE ROHS REACH



主要部件 Main Components

CE ROHS REACH

接插件安装示意图 Assembly details



电缆接头 Cable glands
金属或塑料电缆接头 Metal or plastic cable glands
金属或塑料软管接头 Metal or plastic hose glands
其它电缆接头 Other cable glands

防护外壳上壳 Hoods
标准或高结构 Low or high construction
顶部出线或侧面出线 Top or side cable entry
单扣或双扣 1 or 2 locking levers

公、母接插体 Male,female insert
螺丝连接 Screw terminal
冷压连接 Crimp terminal
弹片连接 Cage-clamp terminal

公、母插针 Male,female contacts
适用于冷压连接的插体 Only for crimp terminal
镀金或镀银 Gold or silver plated

底座 Housing
开孔安装，表面安装或电缆对接
Bulkhead mounting,surface mounting,cable to cable
标准或高结构 Low or high constrcution
单扣或双扣 1 or 2 levels
带塑料盖或带金属盖或不带盖 Housing with or without covers

订货号说明 /Partnumderexplanation

i.e：09330242601

09 3 024 2601

- 2601 — 产品附件 Partofconnectorassembly
- 024 — 插针数 Number of
- 3 — 产品系列 Serious
- 09 — 产品类型 Product group

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部分产品一览表 Part of the products

CE ROHS REACH

插体 Inserts / 上壳 Hoods	HA Series Screw terminal Crimp terminal	HE Series Screw terminal Spring terminal Crimp terminal	*HEE Series Crimp terminal	*HD Series Crimp terminal	*HDD Series Crimp terminal	HSB Series Screw terminal	HK Series Screw terminal	下壳 Housings
3A	230/400V10A 3p+ ⏚ 230/400V10A 4p+ ⏚			250V10A7p+ ⏚ 250V10A 8p				
10A	250V16A 10p+ ⏚			250V10A 15p+ ⏚				
16A	250V16A 16p+ ⏚			250V10A 25p+ ⏚				
32A	用于安装任两个适用于16A外壳插体 Suitable for 2 inserts of size 16A							
6B	500V16A 6p+ ⏚	500V16A 10p+ ⏚			250V10A 24p+ ⏚			
10B	500V16A 10p+ ⏚	500V16A 18p+ ⏚			250V10A 42p+ ⏚		HK-008/24	
16B	500V16A 16p+ ⏚	500V16A 32p+ ⏚		250V10A 40p+ ⏚	250V10A 72p+ ⏚	400V/690V35A6p+ ⏚	HK-004/0 HK-006/12 HK-012/2 HK-004/2 HK-006/36	
24B	500V16A 24p+ ⏚	500V16A 46p+ ⏚		250V10A 64p+ ⏚	250V10A 108p+ ⏚		HK-004/8 HK-008/0 HK-006/6	
32B	用于安装任两个适用于16B外壳插体 Suitable for 2 inserts of size 16B							
48B	用于安装任两个适用于24B外壳插体 Suitable for 2 inserts of size 24B							

Modified contact loading arrangement permits use up to 500V,690V 1000V at insulation group C.

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HA 系列 / HA SERIES

CE ROHS REACH

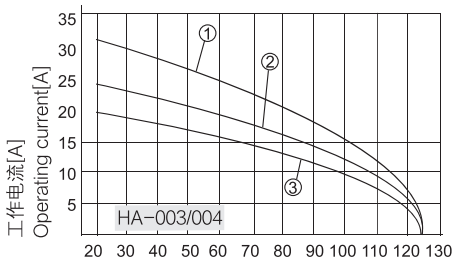
技术参数 Technical Characteristics

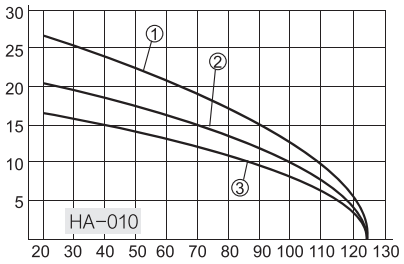
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	3,4,10,16,32(2X16)+PE
HA-003/004		
额定电流	Rated Current	10A
相对地额定电压	Rated Voltage Conductor-ground	230V
相间额定电压	Rated Voltage Conductor-conductor	400V
额定脉冲电压	Rated Impulse Voltage	4kV
污染程度	Pollution Degree	3
或	Or	10A 250V 4kV 3
HA-010/016		
额定电流	Rated Current	16A
额定电压	Rated Voltage	250V
额定脉冲电压	Rated Impulse Voltage	4kV
污染程度	Pollution Degree	3
污染等级2时的参数	Pollution Degree 2 Also	16A 230/400V 4kV 2
依据UL/CSA额定电压	Rated Voltage Acc.to Ul Csa	600V
绝缘电阻	Insulation Resistance	≥10^{10}Ω
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40℃...+125℃
阻燃等级	Flammability Acc. To Ul94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀金 Hard-gold Plated
		镀银 Hard-silver Plated
接触电阻	Contact Resistance	≤1mΩ
螺钉连接	Screw Terminal	
导线规格	Wire Gauge	1.0-2.5mm^2
AWG	Awg	18-14
拧紧力矩	Tightening Torque	0.25Nm（HA-003/004）or
		0.5Nm（HA-010/016）
冷压连接	Crimp Terminal	
-导线规格	Wire Gauge	0.14-4.0mm^2
-AWG	Awg	26-12
弹片连接	Cage-clamp	
导线规格	Wire Gauge	0.14-2.5mm^2
AWG	Awg	26-14

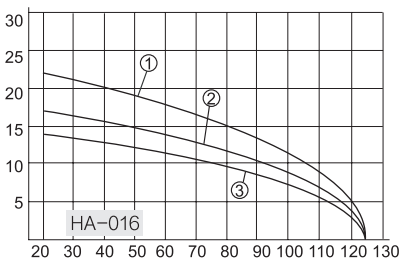
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5

①线径 Wire gauge：2.5mm^2 ②线径 Wire gauge：1.5mm^2 ③线径 Wire gauge：1.0mm^2







环境温度 Ambient temperature [℃]

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小型插芯 The Slim Inserts

CE ROHS REACH

HA-003/004 系列 -230/400V 10A 3/4+

外壳尺寸：匹配 3A 外壳
Hoods/Housings：Matching 3A Hood Housing

螺丝连接 Screw terminal

插芯 Inserts	型号 Type
公 Male	HA-003-M
母 Female	HA-003-F
公 Male	HA-004-M
母 Female	HA-004-F

弹片连接 Cage-clamp

插芯 Inserts	型号 Type
公 Male	HA-003-MS
母 Female	HA-003-FS
公 Male	HA-004-MS
母 Female	HA-004-FS

HA-010 系列 -230/400V 16A 10+

外壳尺寸：匹配 10A 外壳
Hoods/Housings：Matching 10A Hood Housing

螺丝连接 Screw terminal

插芯 Inserts	型号 Type
公 Male	HA-010-M
母 Female	HA-010-F

冷压连接 Crimp terminal

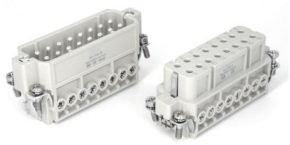
插芯 Inserts	型号 Type
公 Male	HA-010-MC
母 Female	HA-010-FC

HA-016 系列 -250V 16A 16+

外壳尺寸：匹配 16A 外壳
Hoods/Housings：Matching 16A Hood Housing

螺丝连接 Screw terminal

插芯 Inserts	型号 Type
公 Male	HA-016-M
母 Female	HA-016-F



冷压连接 Crimp terminal

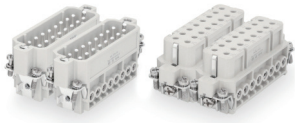
插芯 Inserts	型号 Type
公 Male	HA-016-MC
母 Female	HA-016-FC

HA-032 系列 -250V 16A 32+

外壳尺寸：匹配 32A 外壳
Hoods/Housings：Matching 32A Hood Housing

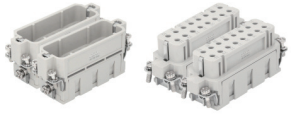
螺丝连接 Screw terminal

插芯 Inserts	型号 Type
公 Male	HA-016-M(1-16)
	HA-016-M(17-32)
母 Female	HA-016-F(1-16)
	HA-016-F(17-32)



冷压连接 Crimp terminal

插芯 Inserts	型号 Type
公 Male	HA-016-MC(1-16)
	HA-016-MC(17-32)
母 Female	HA-016-FC(1-16)
	HA-016-FC(17-32)



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HE 系列 / HE SERIES

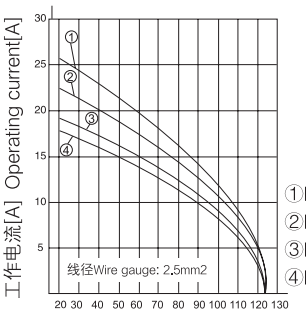
CE ROHS REACH

技术参数 Technical Characteristics

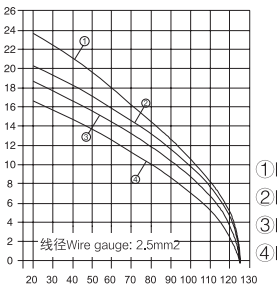
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
依据 EN 61 984的额定电压	Electrical data acc. to EN 61 984	
接插件针数	Number Of Contacts	6,10,16,24,32(2X16),48(2X24)+PE
–额定电流	Rated Current	16A
–额定电压	Rated Voltage	500V
–额定脉冲电压	Rated Impulse Voltage	6kV
–污染程度	Pollution Degree	3
–污染等级2时的参数	Pollution Degree 2 Also	16A 400/690V 6kV 2
依据UL/CSA额定电压	Rated Voltage Acc. To Ul CSA	600V
绝缘电阻	Insulation Resistance	≥1010Ω
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	–40℃...+125℃
依据UL94阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	MecHEnical Working Life–mating Cycles	≥500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀金 Hard–gold Plated
		镀银 Hard–silver Plated
接触电阻	Contact Resistance	≤1mΩ
螺钉连接	Screw Terminal	
–导线规格	–Wire Gauge	0.14–2.5mm2
–AWG	–AWG	26–14
–拧紧力矩	–Tightening Torque	0.5Nm
–剥线长度	–Stripping length	7.0mm
冷压连接	Crimp Terminal	
–导线规格	Wire Gauge	0.14–4.0mm2
–AWG	–AWG	26–12
–剥线长度	–Stripping length	7.5mm
弹片连接	Cage–clamp	
–导线规格	Wire Gauge	0.14–2.5mm2
–AWG	–AWG	26–14
–剥线长度	–Stripping length	7–9mm

电流负载能力 Current Carrying Capacity

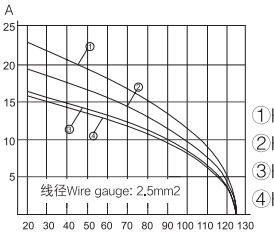
电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.
测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512–5



①HE–006–M/F(MC/FC)
②HE–010–M/F(MC/FC)
③HE–016–M/F(MC/FC)
④HE–024–M/F(MC/FC)



①HE–006–MS/FS
②HE–010–MS/FS
③HE–016–MS/FS
④HE–024–MS/FS



①HE–006–MSS/FSS
②HE–010–MSS/FSS
③HE–016–MSS/FSS
④HE–024–MSS/FSS

环境温度 Ambient temperature [℃]

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小型插芯 The Slim Inserts

CE ROHS REACH

HE-006 常规型插芯系列 -500V 16A 6+

外壳尺寸：匹配 6B 外壳
Hoods/Housings：Matching 6B Hood Housing

螺丝连接 Screw terminal

插芯 Inserts	型号 Type
公 Male	HE-006-M
母 Female	HE-006-F

冷压连接 Crimp terminal

插芯 Inserts	型号 Type
公 Male	HE-006-MC
母 Female	HE-006-FC

弹片连接 Cage-clamp

插芯 Inserts	型号 Type
公 Male	HE-006-MS
母 Female	HE-006-FS

NEW

直插式弹片连接 Quicklockterminal

公 Male	HE-006-MZ
母 Female	HE-006-FZ

双弹片连接 (一针双接线) Cage-clamp terminal (two terminal per contact)

公 Male	HE-006-MSS
母 Female	HE-006-FSS

HE-010 常规型插芯系列 -500V 16A 10+

外壳尺寸：匹配 10B 外壳
Hoods/Housings：Matching 10B Hood Housing

螺丝连接 Screw terminal

插芯 Inserts	型号 Type
公 Male	HE-010-M
母 Female	HE-010-F

冷压连接 Crimp terminal

插芯 Inserts	型号 Type
公 Male	HE-010-MC
母 Female	HE-010-FC

弹片连接 Cage-clamp

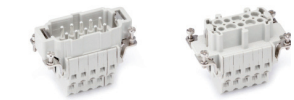
插芯 Inserts	型号 Type
公 Male	HE-010-MS
母 Female	HE-010-FS

NEW

直插式弹片连接 Quicklockterminal

公 Male	HE-010-MZ
母 Female	HE-010-FZ

双弹片连接 (一针双接线) Cage-clamp terminal (two terminal per contact)



公 Male	HE-010-MSS
母 Female	HE-010-FSS

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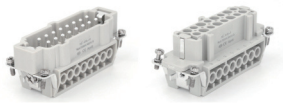
小型插芯 The Slim Inserts

CE ROHS REACH

HE-016 常规型插芯系列 -500V 16A 16+

外壳尺寸：匹配 16B 外壳
Hoods/Housings: Matching 16B Hood Housing

螺丝连接 Screw terminal



插芯 Inserts	型号 Type
公 Male	HE-016-M
母 Female	HE-016-F

冷压连接 Crimp terminal

插芯 Inserts	型号 Type
公 Male	HE-016-MC
母 Female	HE-016-FC

弹片连接 Cage-clamp

插芯 Inserts	型号 Type
公 Male	HE-016-MS
母 Female	HE-016-FS

直插式弹片连接 Quicklockterminal

公 Male	HE-016-MZ
母 Female	HE-016-FZ

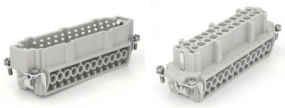
双弹片连接 (一针双接线)Cage-clamp terminal (two terminal per contact)

公 Male	HE-016-MSS
母 Female	HE-016-FSS

HE-024 常规型插芯系列 -500V 16A 24+

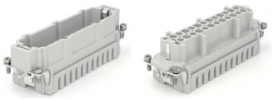
外壳尺寸：匹配 24B 外壳
Hoods/Housings: Matching 24B Hood Housing

螺丝连接 Screw terminal



插芯 Inserts	型号 Type
公 Male	HE-024-M
母 Female	HE-024-F

冷压连接 Crimp terminal



插芯 Inserts	型号 Type
公 Male	HE-024-MC
母 Female	HE-024-FC

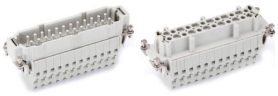
弹片连接 Cage-clamp

插芯 Inserts	型号 Type
公 Male	HE-024-MS
母 Female	HE-024-FS

直插式弹片连接 Quicklockterminal

公 Male	HE-024-MZ
母 Female	HE-024-FZ

双弹片连接 (一针双接线) Cage-clamp terminal (two terminal per contact)



公 Male	HE-024-MSS
母 Female	HE-024-FSS

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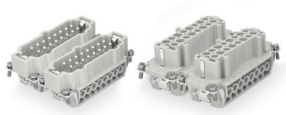
小型插芯 The Slim Inserts

CE ROHS REACH

HE-032 常规型插芯系列 -500V 16A 32+

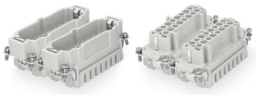
外壳尺寸：匹配 32B 外壳
Hoods/Housings：Matching 32B Hood Housing

螺丝连接 Screw terminal



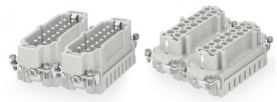
插芯 Inserts	型号 Type
公 Male	HE-016-M(1-16)
	HE-016-M(17-32)
母 Female	HE-016-F(1-16)
	HE-016-F(17-32)

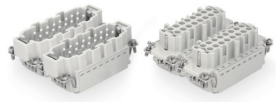
冷压连接 Crimp terminal

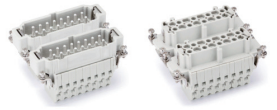


插芯 Inserts	型号 Type
公 Male	HE-016-MC(1-16)
	HE-016-MC(17-32)
母 Female	HE-016-FC(1-16)
	HE-016-FC(17-32)

弹片连接 Cage-clamp





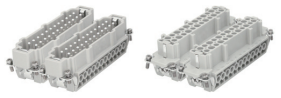


插芯 Inserts	型号 Type
公 Male	HE-016-MS(1-16)
	HE-016-MS(17-32)
母 Female	HE-016-FS(1-16)
	HE-016-FS(17-32)
直插式弹片连接 Quicklockterminal	
公 Male	HE-016-MZ(1-16)
	HE-016-MZ(17-32)
母 Female	HE-016-FZ(1-16)
	HE-016-FZ(17-32)
双弹片连接 (一针双接线) Cage-clamp terminal (two terminal per contact)	
公 Male	HE-016-MSS(1-16)
	HE-016-MSS(17-32)
母 Female	HE-016-FSS(1-16)
	HE-016-FSS(17-32)

HE-048 常规型插芯系列 -500V 16A 48+

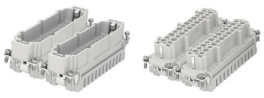
外壳尺寸：匹配 48B 外壳
Hoods/Housings：Matching 48B Hood Housing

螺丝连接 Screw terminal



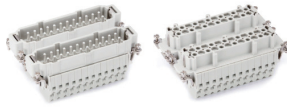
插芯 Inserts	型号 Type
公 Male	HE-024-M(1-24)
	HE-024-M(25-48)
母 Female	HE-024-F(1-24)
	HE-024-F(25-48)

冷压连接 Crimp terminal



插芯 Inserts	型号 Type
公 Male	HE-024-MC(1-24)
	HE-024-MC(25-48)
母 Female	HE-024-FC(1-24)
	HE-024-FC(25-48)

弹片连接 Cage-clamp



插芯 Inserts	型号 Type
公 Male	HE-024-MS(1-24)
	HE-024-MS(25-48)
母 Female	HE-024-FS(1-24)
	HE-024-FS(25-48)
直插式弹片连接 Quicklockterminal	
公 Male	HE-024-MZ(1-24)
	HE-024-MZ(25-48)
母 Female	HE-024-FZ(1-24)
	HE-024-FZ(25-48)
双弹片连接 (一针双接线) Cage-clamp terminal (two terminal per contact)	
公 Male	HE-024-MSS(1-24)
	HE-024-MSS(25-48)
母 Female	HE-024-FSS(1-24)
	HE-024-FSS(25-48)

HEE 系列 / HEE SERIES

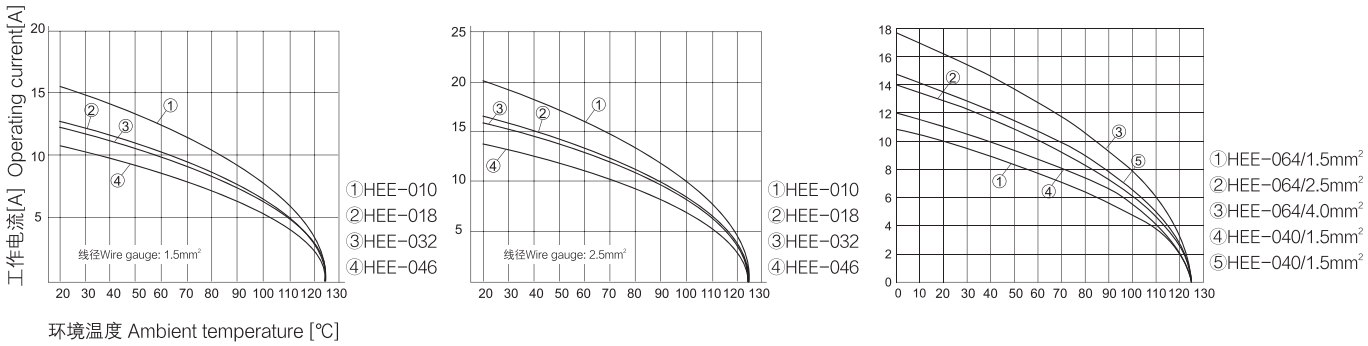
CE ROHS REACH

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
依据 EN 61 984的额定电压	Electrical data acc. to EN 61 984	
接插件针数	Number Of Contacts	10,18,32,46,40,64(2X32),92(2X46)+PE
额定电流	Rated Current	16A
额定电压	Rated Voltage	500V
额定脉冲电压	Rated Impulse Voltage	6kV
污染程度	Pollution Degree	3
污染等级2时的参数	Pollution Degree 2 Also	16A 830V 8kV 2
依据UL/CSA额定电压	Rated Voltage Acc.to Ul CSA	600V
绝缘电阻	Insulation Resistance	≥10^{10}Ω
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40℃...+125℃
依据UL94阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	MecHEEnical Working Life-mating Cycles	≥500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀金 Hard-gold Plated
		镀银 Hard-silver Plated
接触电阻	Contact Resistance	≤1mΩ
冷压连接	Crimp Terminal	
导线规格	Wire Gauge	0.14-4.0mm²
AWG	Awg	26-12
剥线长度	Stripping length	7.5mm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
THEE current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5



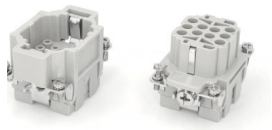
小型插芯 The Slim Inserts

CE ROHS REACH

HEE-010 高密度型插芯系列 -500V 16A 10+

冷压连接 Crimp terminal

外壳尺寸：匹配 6B 外壳
Hoods/Housings：Matching 6B Hood Housing

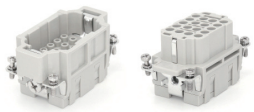


插芯 Inserts	型号 Type
公 Male	HEE-010-MC
母 Female	HEE-010-FC

HEE-018 高密度型插芯系列 -500V 16A 18+

冷压连接 Crimp terminal

外壳尺寸：匹配 10B 外壳
Hoods/Housings：Matching 10B Hood Housing



插芯 Inserts	型号 Type
公 Male	HEE-018-MC
母 Female	HEE-018-FC

HEE-032 高密度型插芯系列 -500V 16A 32+

冷压连接 Crimp terminal

外壳尺寸：匹配 16B 外壳
Hoods/Housings：Matching 16B Hood Housing

插芯 Inserts	型号 Type
公 Male	HEE-032-MC
母 Female	HEE-032-FC

HEE-046 高密度型插芯系列 -500V 16A 46+

冷压连接 Crimp terminal

外壳尺寸：匹配 24B 外壳
Hoods/Housings：Matching 24B Hood Housing

插芯 Inserts	型号 Type
公 Male	HEE-046-MC
母 Female	HEE-046-FC

HEE-064 高密度型插芯系列 -500V 16A 64+

冷压连接 Crimp terminal

外壳尺寸：匹配 32B 外壳
Hoods/Housings：Matching 32B Hood Housing

插芯 Inserts	型号 Type
公 Male	HEE-032-MC(1-32)
	HEE-032-MC(33-64)
母 Female	HEE-032-FC(1-32)
	HEE-032-FC(33-64)

HEE-092 高密度型插芯系列 -500V 16A 92+

冷压连接 Crimp terminal

外壳尺寸：匹配 48B 外壳
Hoods/Housings：Matching 48B Hood Housing

插芯 Inserts	型号 Type
公 Male	HEE-046-MC(1-46)
	HEE-046-MC(47-92)
母 Female	HEE-046-FC(1-46)
	HEE-046-FC(47-92)

HEEE-040 高密度型插芯系列 -500V 16A 40+

冷压连接 Crimp terminal

外壳尺寸：匹配 16B 外壳
Hoods/Housings：Matching 16B Hood Housing

插芯 Inserts	型号 Type
公 Male	HEEE-040-MC
母 Female	HEEE-040-FC

HEEE-064 高密度型插芯系列 -500V 16A 64+

冷压连接 Crimp terminal

外壳尺寸：匹配 24B 外壳
Hoods/Housings：Matching 24B Hood Housing

插芯 Inserts	型号 Type
公 Male	HEEE-064-MC
母 Female	HEEE-064-FC

HD 系列 / HD SERIES

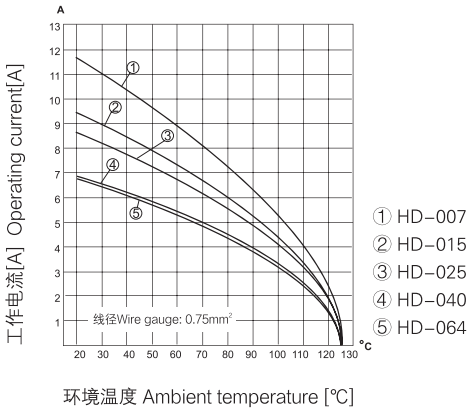
CE ROHS REACH

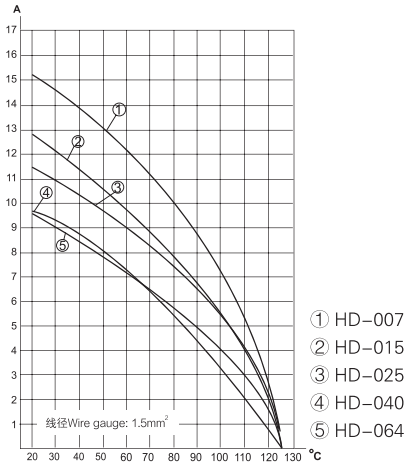
技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
依据 EN 61 984的额定电压	Electrical data acc. to EN 61 984	
接插件针数	Number Of Contacts	7,8,15,25,40,50(25X2),,64,80(40X2),128(64x2)+PE
额定电流	Rated Current	10A
额定电压	Rated Voltage	250V
额定脉冲电压	Rated Impulse Voltage	4kV
污染程度	Pollution Degree	3
污染等级2时的参数	Pollution Degree 2 Also	10A 230/400V 4kV 2
依据UL/CSA额定电压	Rated Voltage Acc.to Ul CSA	600V
依据CSA绕线连接的额定电压	Rated Voltage For Wrap Terminal Acc. To CSA	2A 30V
HD-008的电气数据		
额定电流	Rated Current	10A
额定电压	Rated Voltage	~50V/-120V
额定脉冲电压	Rated Impulse Voltage	4kV
污染程度	Pollution Degree	3
依据UL/CSA额定电压	Rated Voltage Acc.to Ul CSA	50V
额定电压（直流电压）	Rated Voltage	120V
绝缘电阻	Insulation Resistance	≥10^{10}Ω
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40℃...+125℃
依据UL94阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	MecHEnical Working Life-mating Cycles	≥500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀金 Hard-gold Plated
		镀银 Hard-silver Plated
接触电阻	Contact Resistance	≤3mΩ
冷压连接	Screw Terminal	
导线规格	Wire Gauge	0.14-2.5mm²
AWG	AWG	26-14

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5





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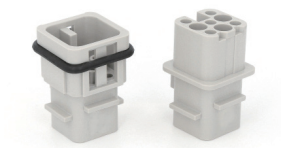
小型插芯 The Slim Inserts

CE ROHS REACH

HD-007 超高密度型插芯系列 250V 10A 7+

外壳尺寸：匹配 10A 外壳
Hoods/Housings：Matching 10A Hood Housing

冷压连接 Crimp terminal



插芯 Inserts	型号 Type
公 Male	HD-007-MC
母 Female	HD-007-FC

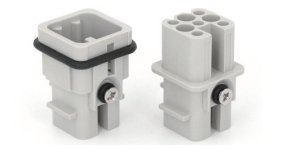
快速上锁 Quick lock

插芯 Inserts	型号 Type
公 Male	HD-007-MQ
母 Female	HD-007-FQ

HD-008 超高密度型插芯系列 -120V/~50V 10A 8+

外壳尺寸：匹配 3A 外壳
Hoods/Housings：Matching 3A Hood Housing

冷压连接 Crimp terminal



插芯 Inserts	型号 Type
公 Male	HD-008-MC
母 Female	HD-008-FC

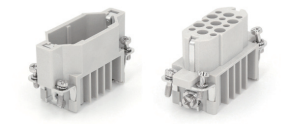
快速上锁 Quick lock

插芯 Inserts	型号 Type
公 Male	HD-008-MQ
母 Female	HD-008-FQ

HD-015 超高密度型插芯系列 -250V 10A 15+

冷压连接 Crimp terminal

外壳尺寸：匹配 10A 外壳
Hoods/Housings：Matching 10A Hood Housing

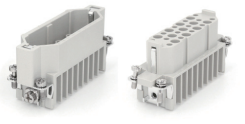


插芯 Inserts	型号 Type
公 Male	HD-015-MC
母 Female	HD-015-FC

HD-025 超高密度型插芯系列 -250V 10A 25+

冷压连接 Crimp terminal

外壳尺寸：匹配 16A 外壳
Hoods/Housings：Matching 16A Hood Housing

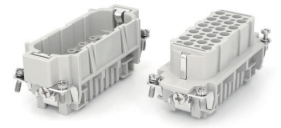


插芯 Inserts	型号 Type
公 Male	HD-025-MC
母 Female	HD-025-FC

HD-040 超高密度型插芯系列 -250V 10A 40+

冷压连接 Crimp terminal

外壳尺寸：匹配 16B 外壳
Hoods/Housings：Matching 16B Hood Housing

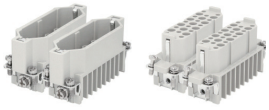


插芯 Inserts	型号 Type
公 Male	HD-040-MC
母 Female	HD-040-FC

HD-050 超高密度型插芯系列 -250V 10A 50+

冷压连接 Crimp terminal

外壳尺寸：匹配 32A 外壳
Hoods/Housings：Matching 32A Hood Housing

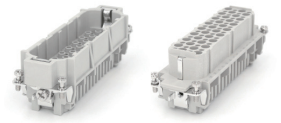


插芯 Inserts	型号 Type
公 Male	HD-040-MC(1-25)
	HD-040-MC(1-25)
母 Female	HD-040-FC(1-25)
	HD-040-FC(1-25)

HD-064 超高密度型插芯系列 -250V 10A 64+

冷压连接 Crimp terminal

外壳尺寸：匹配 24B 外壳
Hoods/Housings：Matching 24B Hood Housing



插芯 Inserts	型号 Type
公 Male	HD-064-MC
母 Female	HD-064-FC

HD-080 超高密度型插芯系列 -250V 10A 80+

冷压连接 Crimp terminal

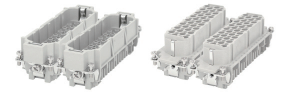
外壳尺寸：匹配 32B 外壳
Hoods/Housings：Matching 32B Hood Housing

插芯 Inserts	型号 Type
公 Male	HD-040-MC(1-40)
	HD-040-MC(1-40)
母 Female	HD-040-FC(1-40)
	HD-040-FC(1-40)

HD-128 超高密度型插芯系列 -250V 10A 128+

冷压连接 Crimp terminal

外壳尺寸：匹配 48B 外壳
Hoods/Housings：Matching 48B Hood Housing



插芯 Inserts	型号 Type
公 Male	HD-064-MC(1-64)
	HD-064-MC(1-64)
母 Female	HD-064-FC(1-64)
	HD-064-FC(1-64)

HDD 系列 / HDD SERIES

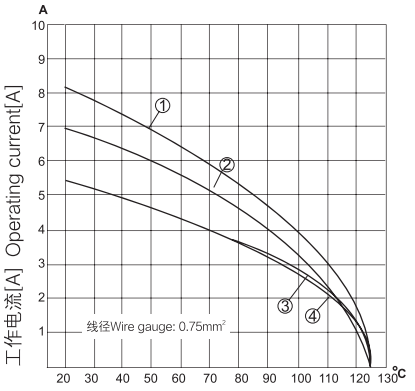
CE ROHS REACH

技术参数 Technical Characteristics

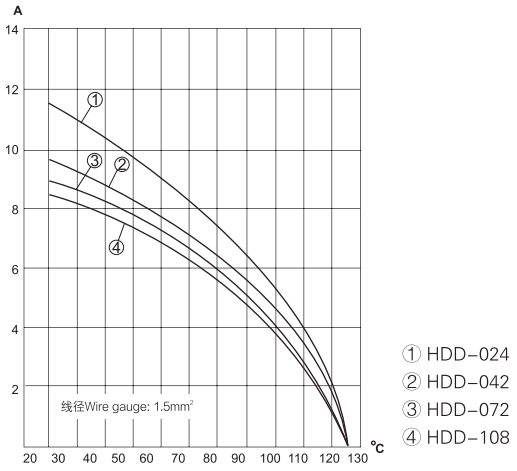
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
接插件针数	Number Of Contacts	24,42,72,108,144(72X2),216(108X2)+PE
额定电流	Rated Current	10A
额定电压	Rated Voltage	250V
额定脉冲电压	Rated Impulse Voltage	4kV
污染程度	Pollution Degree	3
污染等级2时的参数	Pollution Degree 2 Also	10A 230/400V 4kV 2
依据UL/CSA额定电压	Rated Voltage Acc.to Ul CSA	600V
绝缘电阻	Insulation Resistance	≥10^{10}Ω
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40℃...+125℃
依据UL94阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	MecHEnical Working Life-mating Cycles	≥500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀金 Hard-gold Plated
		镀银 Hard-silver Plated
接触电阻	Contact Resistance	≤3mΩ
螺钉连接	Screw Terminal	
导线规格	Wire Gauge	0.14-2.5mm²
AWG	AWG	26-14

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5



环境温度 Ambient temperature [℃]



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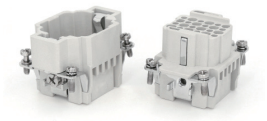
小型插芯 The Slim Inserts

CE ROHS REACH

HDD-024 超高密度型插芯系列 -250V 10A 24+

冷压连接 Crimp terminal

外壳尺寸：匹配 6B 外壳
Hoods/Housings：Matching 6B Hood Housing

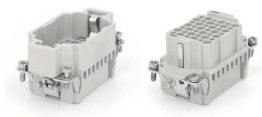


插芯 Inserts	型号 Type
公 Male	HDD-024-MC
母 Female	HDD-024-FC

HDD-042 超高密度型插芯系列 -250V 10A 42+

冷压连接 Crimp terminal

外壳尺寸：匹配 10B 外壳
Hoods/Housings：Matching 10B Hood Housing

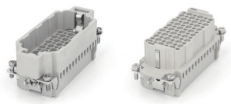


插芯 Inserts	型号 Type
公 Male	HDD-042-MC
母 Female	HDD-042-FC

HDD-072 超高密度型插芯系列 -250V 10A 72+

冷压连接 Crimp terminal

外壳尺寸：匹配 16B 外壳
Hoods/Housings：Matching 16B Hood Housing



插芯 Inserts	型号 Type
公 Male	HDD-072-MC
母 Female	HDD-072-FC

HDD-108 超高密度型插芯系列 -250V 10A 108+

冷压连接 Crimp terminal

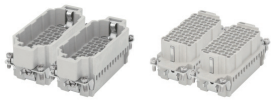
外壳尺寸：匹配 24B 外壳
Hoods/Housings：Matching 24B Hood Housing

插芯 Inserts	型号 Type
公 Male	HDD-0108-MC
母 Female	HDD-0108-FC

HDD-144 超高密度型插芯系列 -250V 10A 144+

冷压连接 Crimp terminal

外壳尺寸：匹配 32B 外壳
Hoods/Housings：Matching 32B Hood Housing



插芯 Inserts	型号 Type
公 Male	HDD-072-MC(1-72)
	HDD-072-MC(73-144)
母 Female	HDD-072-FC(1-72)
	HDD-072-FC(73-144)

HDD-216 超高密度型插芯系列 -250V 10A 108+

冷压连接 Crimp terminal

外壳尺寸：匹配 48B 外壳
Hoods/Housings：Matching 48B Hood Housing

插芯 Inserts	型号 Type
公 Male	HDD-108-MC(1-108)
	HDD-108-FC(109-216)
母 Female	HDD-108-FC(1-108)
	HDD-108-FC(109-216)

HSB 系列 / HSB SERIES

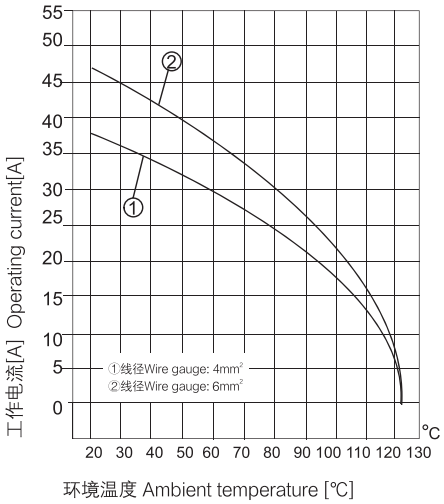
CE ROHS REACH

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
依据 EN 61 984的额定电压	Electrical data acc. to EN 61 984	
接插件针数	Number Of Contacts	4,6,12+PE
额定电流	Rated Current	35A
相对地额定电压	Rated Voltage	400V
相间额定电压		690V
额定脉冲电压	Rated Impulse Voltage	6kV
污染程度	Pollution Degree	3
或	Or	35A 500V 6kV 3
依据UL/CSA额定电压	Rated Voltage Acc.to Ul CSA	600V
绝缘电阻	Insulation Resistance	≥10^{10}Ω
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40℃...+125℃
依据UL94阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	MecHEnical Working Life-mating Cycles	≥500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	≤1mΩ
螺钉连接	Screw Terminal	
导线规格	Wire Gauge	1.5-6mm^2
AWG	AWG	10
拧紧力矩	Tightening Torque	1.2Nm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5



小型插芯 The Slim Inserts

CE ROHS REACH

HSBS-004 大电流型插芯系列 -400V/690V 35A 4+

螺丝连接 Screw terminal

外壳尺寸：匹配 6B 外壳
Hoods/Housings：Matching 6B Hood Housing

插芯 Inserts	型号 Type
公 Male	HSBS-004-M
母 Female	HSBS-004-F

HSB-004 大电流型插芯系列 -400V/690V 35A 4+

螺丝连接 Screw terminal

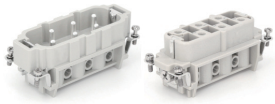
外壳尺寸：匹配 10B 外壳
Hoods/Housings：Matching 10B Hood Housing

插芯 Inserts	型号 Type
公 Male	HDD-004-M
母 Female	HDD-004-F

HSB-006 大电流型插芯系列 -400V/690V 35A 6+

螺丝连接 Screw terminal

外壳尺寸：匹配 16B 外壳
Hoods/Housings：Matching 16B Hood Housing

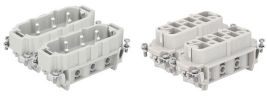


插芯 Inserts	型号 Type
公 Male	HSBS-006-M
母 Female	HSBS-006-F

HSB-012 大电流型插芯系列 -400V/690V 35A 12+

螺丝连接 Screw terminal

外壳尺寸：匹配 32B 外壳
Hoods/Housings：Matching 32B Hood Housing



插芯 Inserts	型号 Type
公 Male	HSB-006-M(1-6)
	HSB-006-F(7-12)
母 Female	HSB-006-F(1-6)
	HSB-006-F(7-12)

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外壳部分 / Hoods & Housings Contents

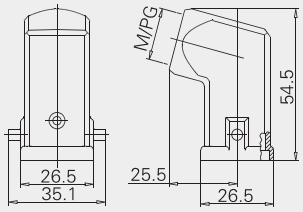
CE ROHS REACH

3A 塑料外壳 Plastic Hoods & Housings

防护等级 Degree of protection：IP65

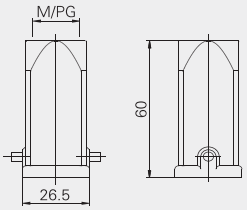
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	H3A.P-TE-2B-M20
PG11	H3A.P-TE-2B-PG11



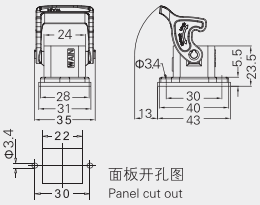
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M20	H3A.P-TE-2B-M20
PG11	H3A.P-TE-2B-PG11



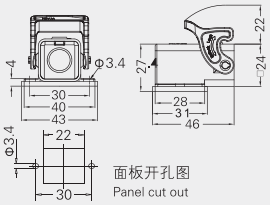
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H3A.P-BK-1L



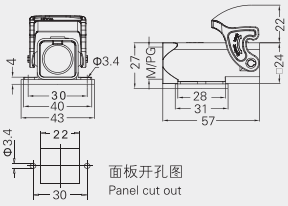
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H3A.P-BK-1L-SE



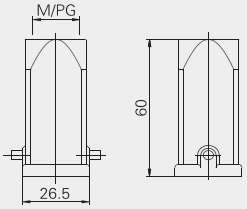
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H3A.P-SF-1L-M20
PG11	H3A.P-SF-1L-PG11



飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M20	H3A.P-CCT-1L-M20
PG11	H3A.P-TE-2B-PG11



外壳部分 / Hoods & Housings Contents

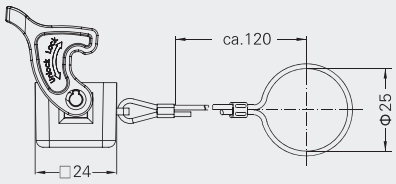
CE ROHS REACH

3A 塑料外壳 Plastic Hoods & Housings

防护等级 Degree of protection：IP65

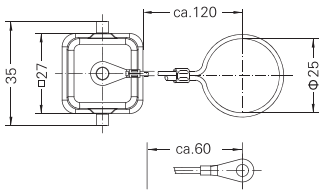
防护盖 Protection covers

接线方式 Connect way	型号 Type
	H3A-CV-1L/1M (配公芯 for male insert)
	H3A-CV-1L/1F (配母芯 for male insert)



防护盖 Protection covers

接线方式 Connect way	型号 Type
	H3A-CV-2B/1M (配公芯 for male insert)
	H3A-CV-2B/2M (配公芯 for male insert)
	H3A-CV-2B/1F (配母芯 for male insert)
	H3A-CV-2B/2F (配母芯 for male insert)



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外壳部分 / Hoods & Housings Contents

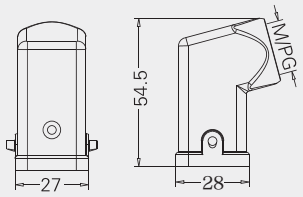
CE ROHS REACH

3A 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

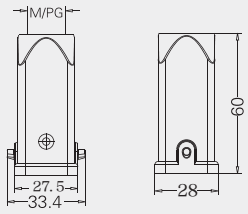
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	H3A-SE-2B-M20
PG11	H3A-SE-2B-PG11



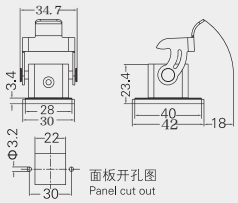
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M20	H3A-TE-2B-M20
PG11	H3A-TE-2B-PG11
PG13.5	H3A-TE-2B-PG13.5



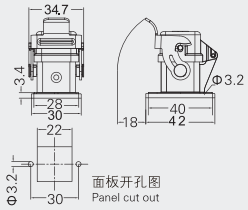
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H3A-BK-1L



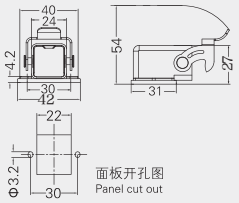
不封底下壳 Housings, bulkhead mounting

接线方式 Connect way	型号 Type
---	H3A-BK-1L-MCV/M (配公芯 for male insert)
---	H3A-BK-1L-MCV/F (配母芯 for female insert)



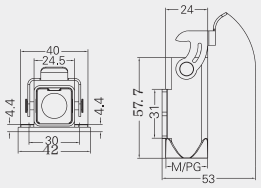
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H3A-BK-1L-SE



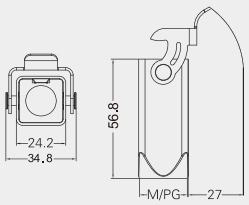
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H3A-SF-1L-M20
PG11	H3A-SF-1L-PG11
PG13.5	H3A-SF-1L-PG13.5
底部封闭 Bottom closed	
M20	H3A.BC-SF-1L-M20
PG11	H3A.BC-SF-1L-PG11
PG13.5	H3A.BC-SF-1L-PG13.5



飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M20	H3A-CCT-1L-M20
PG11	H3A-CCT-1L-PG11
PG13.5	H3A-CCT-1L-PG13.5



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外壳部分 / Hoods & Housings Contents

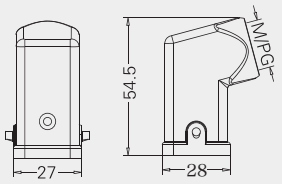
CE ROHS REACH

3A 金属外壳 (EMC) Metal Hoods & Housings

防护等级 Degree of protection: IP65

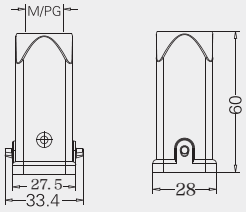
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	EMC.H3A-SE-2B-M20
PG11	EMC.H3A-SE-2B-PG11



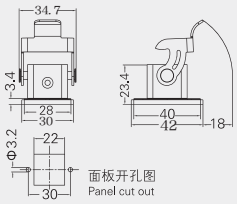
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M20	EMC.H3A-TE-2B-M20
PG11	EMC.H3A-TE-2B-PG11



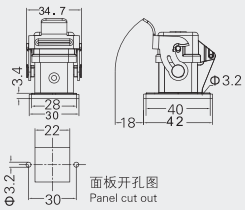
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	EMC.H3A-BK-1L



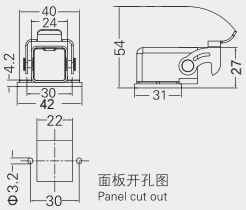
不封底下壳 Housings, bulkhead mounting

接线方式 Connect way	型号 Type
---	EMC.H3A-BK-1L-MCV/M (配公芯 for male insert)
---	EMC.H3A-BK-1L-MCV/F (配母芯 for female insert)



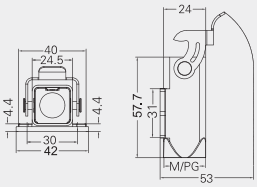
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	EMC.H3A-BK-1L-SE



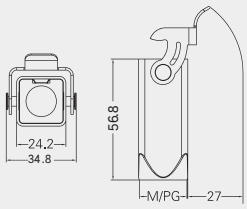
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	EMC.H3A-SF-1L-M20
PG11	EMC.H3A-SF-1L-PG11



飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M20	EMC.H3A-CCT-1L-M20
PG11	EMC.H3A-CCT-1L-PG11



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外壳部分 / Hoods & Housings Contents

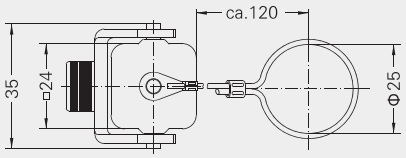
CE ROHS REACH

3A 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

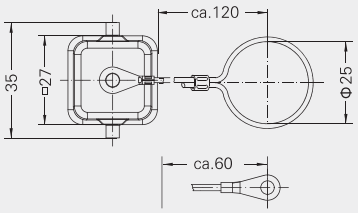
防护盖 Protection covers

接线方式 Connect way	型号 Type
	H3A-MCV-1L/1M (配公芯 for male insert)
	H3A-MCV-1L/1F (配母芯 for female insert)



防护盖 Protection covers

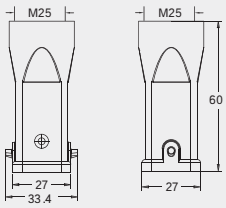
接线方式 Connect way	型号 Type
	H3A-MCV-2B/1M (配公芯 for male insert)
	H3A-MCV-2B/2M (配公芯 for male insert)
	H3A-MCV-2B/1F (配母芯 for female insert)
	H3A-MCV-2B/2F (配母芯 for female insert)



上壳 顶出线 Hoods, top entry

NEW

螺纹 Thread	型号 Type
M25	H3A-TE-2B-M25



外壳部分 / Hoods & Housings Contents

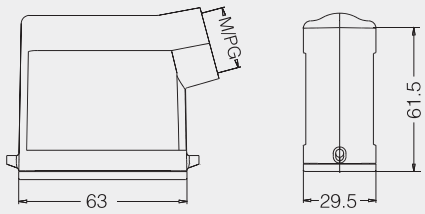
CE ROHS REACH

10A 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

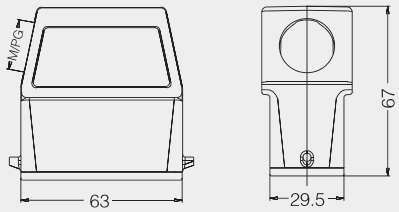
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	H10A-SE-2B-M20
PG16	H10A-SE-2B-PG16



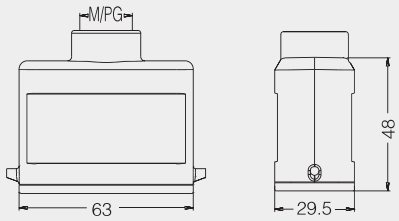
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M25	H10A-SEH-2B-M25
PG16	H10A-SEH-2B-PG16
PG21	H10A-SEH-2B-PG21



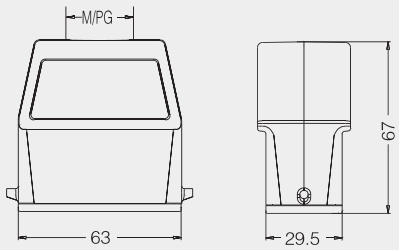
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M20	H10A-TE-2B-M20
PG13.5	H10A-TE-2B-PG13.5



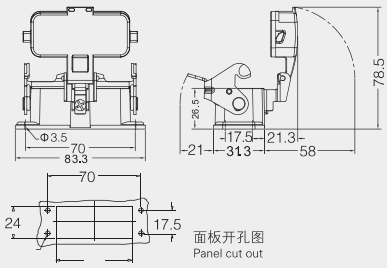
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M25	H10A-TEH-2B-M25
PG16	H10A-TEH-2B-PG16
PG21	H10A-TEH-2B-PG21



不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H10A-BK-1L
	带塑料盖 With plastic cover
---	H10A-BK-1L-CV
	带金属盖 With metal cover
---	H10A-BK-1L-MCV



外壳部分 / Hoods & Housings Contents

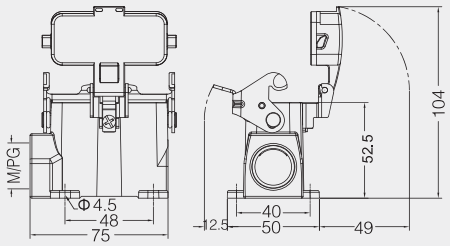
CE ROHS REACH

10A 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

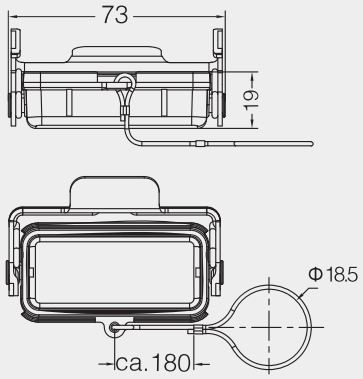
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H10A-SF-1L-M20
2M20	H10A-SF-1L-2M20
M25	H10A-SF-1L-M25
PG16	H10A-SF-1L-PG16
2PG16	H10A-SF-1L-2PG16
PG21	H10A-SF-1L-PG21
	带塑料盖 With plastic cover
M20	H10A-SF-1L-CV-M20
2M20	H10A-SF-1L-CV-2M20
M25	H10A-SF-1L-CV-M25
PG16	H10A-SF-1L-CV-PG16
2PG16	H10A-SF-1L-CV-2PG16
PG21	H10A-SF-1L-CV-PG21
	带金属盖 With metal cover
M20	H10A-SF-1L-MCV-M20
2M20	H10A-SF-1L-MCV-2M20
M25	H10A-SF-1L-MCV-M25
PG16	H10A-SF-1L-MCV-PG16
2PG16	H10A-SF-1L-MCV-2PG16
PG21	H10A-SF-1L-MCV-PG21



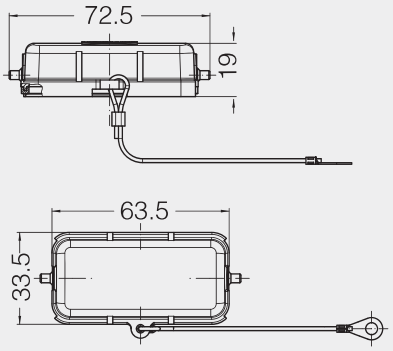
防护盖 Protection covers

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于上壳 For hoods	H10A-MCV-1L.1



防护盖 Protection covers

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于下壳 For housings	H10A-MCV-2B/1S
	金属盖 / 用于下壳 For housings	H10A-MCV-2B/2S



外壳部分 / Hoods & Housings Contents

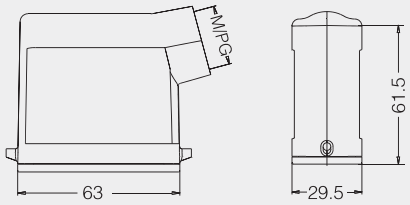
CE ROHS REACH

16A 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

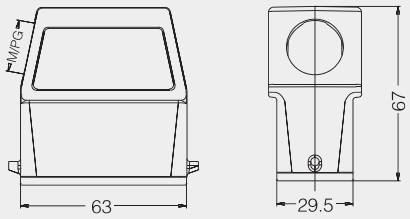
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	H16A-SE-2B-M20
PG16	H16A-SE-2B-PG16

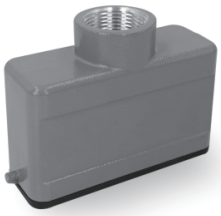


上壳 侧出线 高结构 Hoods, side entry, high construction

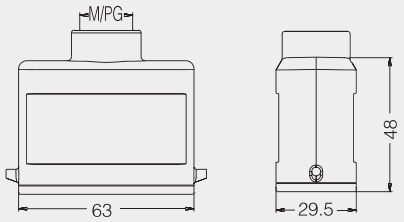
螺纹 Thread	型号 Type
M25	H16A-SEH-2B-M25
PG16	H16A-SEH-2B-PG16
PG21	H16A-SEH-2B-PG21



上壳 顶出线 Hoods, top entry

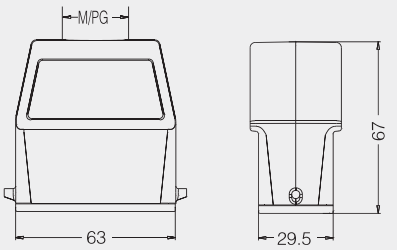


螺纹 Thread	型号 Type
M20	H16A-TE-2B-M20
PG13.5	H16A-TE-2B-PG16



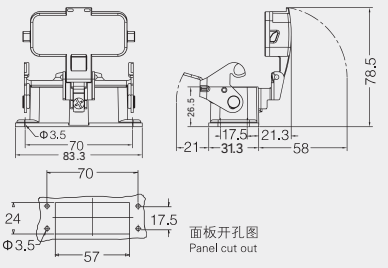
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M25	H16A-TEH-2B-M25
PG16	H16A-TEH-2B-PG16
PG21	H16A-TEH-2B-PG21



不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H16A-BK-1L
	带塑料盖 With plastic cover
---	H16A-BK-1L-CV
	带金属盖 With metal cover
---	H16A-BK-1L-MCV



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外壳部分 / Hoods & Housings Contents

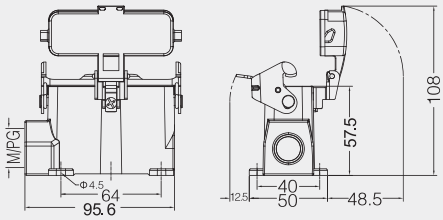
CE ROHS REACH

16A 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

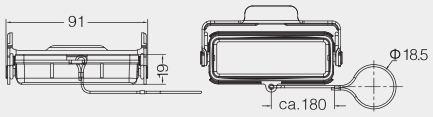
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H16A-SF-1L-M20
2M20	H16A-SF-1L-2M20
M25	H16A-SF-1L-M25
2M25	H16A-SF-1L-2M25
PG16	H16A-SF-1L-PG16
2PG16	H16A-SF-1L-2PG16
PG21	H16A-SF-1L-PG21
	带塑料盖 With plastic cover
M20	H16A-SF-1L-CV-M20
2M20	H16A-SF-1L-CV-2M20
M25	H16A-SF-1L-CV-M25
2M25	H16A-SF-1L-CV-2M25
PG16	H16A-SF-1L-CV-PG16
2PG16	H16A-SF-1L-CV-2PG16
PG21	H16A-SF-1L-CV-PG21
	带金属盖 With metal cover
M20	H16A-SF-1L-MCV-M20
2M20	H16A-SF-1L-MCV-2M20
M25	H16A-SF-1L-MCV-M25
2M25	H16A-SF-1L-MCV-2M25
PG16	H16A-SF-1L-MCV-PG16
2PG16	H16A-SF-1L-MCV-2PG16
PG21	H16A-SF-1L-MCV-PG21



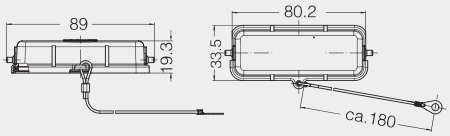
防护盖 Protection covers

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于上壳 For hoods	H16A-MCV-1L.1



防护盖 Protection covers

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于下壳 For housings	H16A-MCV-2B/1S
	金属盖 / 用于下壳 For housings	H16A-MCV-2B/2S



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外壳部分 / Hoods & Housings Contents

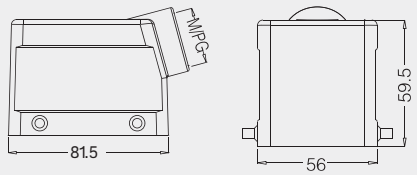
CE ROHS REACH

32A 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

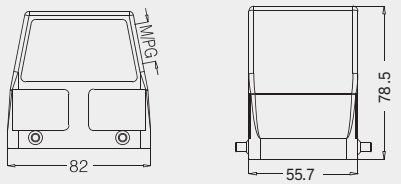
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M25	H32A-SE-4B-M25
PG21	H32A-SE-4B-PG21



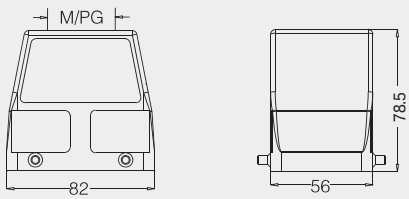
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M32	H32A-SEH-4B-M32
PG21	H32A-SEH-4B-PG21
PG29	H32A-SEH-4B-PG29



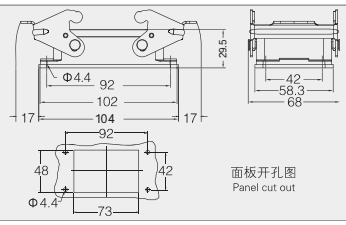
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M25	H32A-TEH-4B-M25
M32	H32A-TEH-4B-M32
PG21	H32A-TEH-4B-PG21
PG29	H32A-TEH-4B-PG29



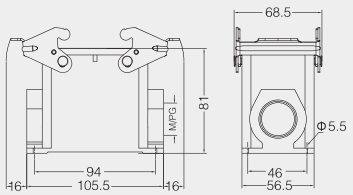
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H32A-BK-2L



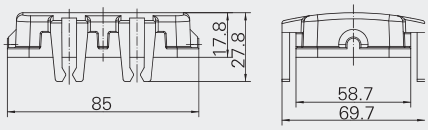
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M25	H32A-SF-2L-M25
M32	H32A-SF-2L-M32
2M32	H32A-SF-2L-2M32
PG21	H32A-SF-2L-PG21
2PG21	H32A-SF-2L-2PG21
PG29	H32A-SF-2L-PG29
2PG29	H32A-SF-2L-2PG29



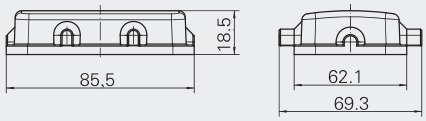
塑料防护盖 4 卡扣 Protection covers, plastic cover 4 clamps

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于上壳 For hoods	H32A-CV-4C



塑料防护盖 Protection covers, plastic cover

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于下壳 For housings	H32A-CV-4B/1
	金属盖 / 用于下壳 For housings	H32A-CV-4B/2



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外壳部分 / Hoods & Housings Contents

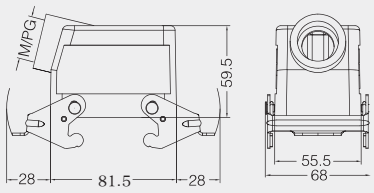
CE ROHS REACH

32A 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection: IP65

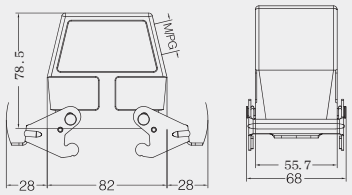
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M25	H32A-SE-2L-M25
PG21	H32A-SE-2L-PG21



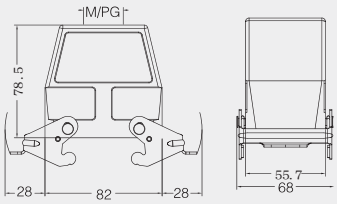
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M32	H32A-SEH-2L-M32
PG21	H32A-SEH-2L-PG21
PG29	H32A-SEH-2L-PG29



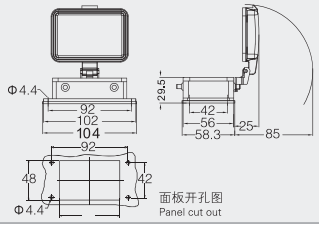
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M25	H32A-TEH-2L-M25
M32	H32A-TEH-2L-M32
PG21	H32A-TEH-2L-PG21
PG29	H32A-TEH-2L-PG29



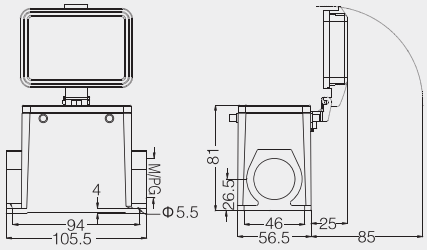
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H32A-BK-4B
	带塑料盖 With plastic cover
---	H32A-BK-4B-CV
	带金属盖 With metal cover
---	H32A-BK-4B-MCV



封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M25	H32A-SF-4B-M25
M32	H32A-SF-4B-M32
2M32	H32A-SF-4B-2M32
PG21	H32A-SF-4B-PG21
2PG21	H32A-SF-4B-2PG21
PG29	H32A-SF-4B-PG29
2PG29	H32A-SF-4B-2PG29
	带塑料盖 With plastic cover
M25	H32A-SF-4B-CV-M25
M32	H32A-SF-4B-CV-M32
2M32	H32A-SF-4B-CV-2M32
PG21	H32A-SF-4B-CV-PG21
2PG21	H32A-SF-4B-CV-2PG21
PG29	H32A-SF-4B-CV-PG29
2PG29	H32A-SF-4B-CV-2PG29
	带金属盖 With metal cover
M25	H32A-SF-4B-MCV-M25
M32	H32A-SF-4B-MCV-M32
2M32	H32A-SF-4B-MCV-2M32
PG21	H32A-SF-4B-MCV-PG21
2PG21	H32A-SF-4B-MCV-2PG21
PG29	H32A-SF-4B-MCV-PG29
2PG29	H32A-SF-4B-MCV-2PG29



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外壳部分 / Hoods & Housings Contents

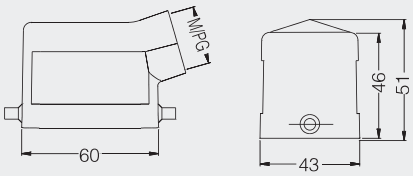
CE ROHS REACH

6B 金属外壳 Metal Hoods & Housings

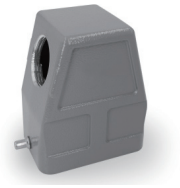
防护等级 Degree of protection：IP65

上壳 侧出线 Hoods, side entry

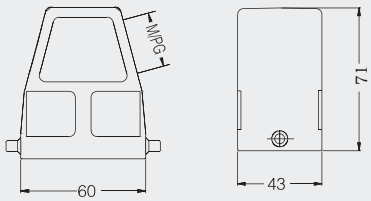
螺纹 Thread	型号 Type
M20	H6B-SE-2B-M20
M25	H6B-SE-2B-M25
PG13.5	H6B-SE-2B-PG13.5
PG16	H6B-SE-2B-PG16



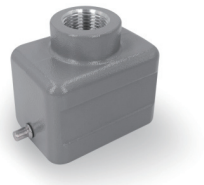
上壳 侧出线 高结构 Hoods, side entry, high construction



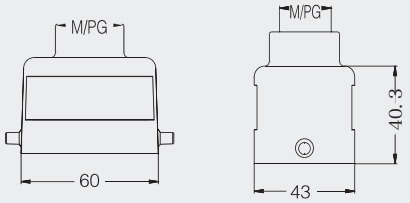
螺纹 Thread	型号 Type
M25	H6B-SEH-2B-M25
M32	H6B-SEH-2B-M32
PG21	H6B-SEH-2B-PG21
PG29	H6B-SEH-2B-PG29



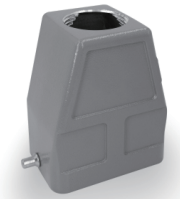
上壳 顶出线 Hoods, top entry



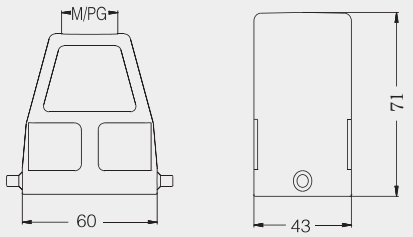
螺纹 Thread	型号 Type
M20	H6B-TE-2B-M20
M25	H6B-TE-2B-M25
PG13.5	H6B-TE-2B-PG13.5
PG16	H6B-TE-2B-PG16



上壳 顶出线 高结构 Hoods, top entry, high construction

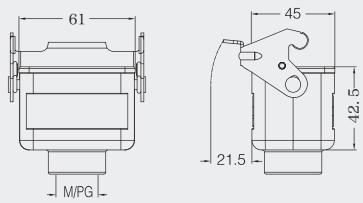


螺纹 Thread	型号 Type
M20	H6B-TEH-2B-M20
M25	H6B-TEH-2B-M25
M32	H6B-TEH-2B-M32
PG16	H6B-TEH-2B-PG16
PG21	H6B-TEH-2B-PG21
PG29	H6B-TEH-2B-PG29



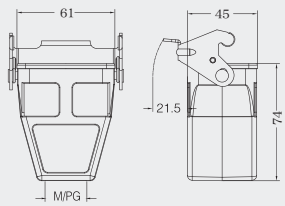
飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M20	H6B-CCT-1L-M20
PG13.5	H6B-CCT-1L-PG13.5
PG16	H6B-CCT-1L-PG16



飞线下壳 高结构 Housings, cable to cable, high construction

螺纹 Thread	型号 Type
M25	H6B-CCTH-1L-M25
PG21	H6B-CCTH-1L-PG21
PG29	H6B-CCTH-1L-PG29



外壳部分 / Hoods & Housings Contents

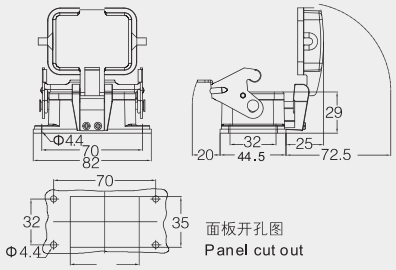
CE ROHS REACH

6B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

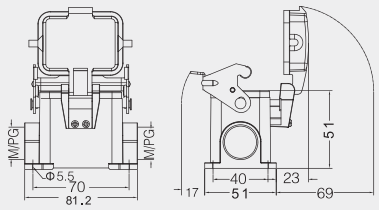
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H6B-BK-1L
	带塑料盖 With plastic cover
---	H6B-BK-1L-CV
	带金属盖 With metal cover
---	H6B-BK-1L-MCV



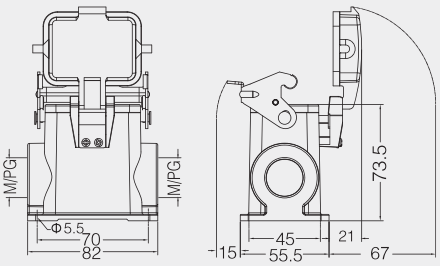
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H6B-SF-1L-M20
2M20	H6B-SF-1L-2M20
M25	H6B-SF-1L-M25
2M25	H6B-SF-1L-2M25
PG16	H6B-SF-1L-PG16
2PG16	H6B-SF-1L-2PG16
	带塑料盖 With plastic cover
M20	H6B-SF-1L-CV-M20
2M20	H6B-SF-1L-CV-2M20
M25	H6B-SF-1L-CV-M25
2M25	H6B-SF-1L-CV-2M25
PG16	H6B-SF-1L-CV-PG16
2PG16	H6B-SF-1L-CV-2PG16
	带金属盖 With metal cover
M20	H6B-SF-1L-MCV-M20
2M20	H6B-SF-1L-MCV-2M20
M25	H6B-SF-1L-MCV-M25
2M25	H6B-SF-1L-MCV-2M25
PG16	H6B-SF-1L-MCV-PG16
2PG16	H6B-SF-1L-MCV-2PG16



封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
M25	H6B-SFH-1L-M25
2M25	H6B-SFH-1L-2M25
M32	H6B-SFH-1L-M32
2M32	H6B-SFH-1L-2M32
PG21	H6B-SFH-1L-PG21
2PG21	H6B-SFH-1L-2PG21
PG29	H6B-SFH-1L-PG29
2PG29	H6B-SFH-1L-2PG29
	带塑料盖 With plastic cover
M25	H6B-SFH-1L-CV-M25
2M25	H6B-SFH-1L-CV-2M25
M32	H6B-SFH-1L-CV-M32
2M32	H6B-SFH-1L-CV-2M32
PG21	H6B-SFH-1L-CV-PG21
2PG21	H6B-SFH-1L-CV-2PG21
PG29	H6B-SFH-1L-CV-PG29
2PG29	H6B-SFH-1L-CV-2PG29
	带金属盖 With metal cover
M25	H6B-SFH-1L-MCV-M25
2M25	H6B-SFH-1L-MCV-2M25
M32	H6B-SFH-1L-MCV-M32
2M32	H6B-SFH-1L-MCV-2M32
PG21	H6B-SFH-1L-MCV-PG21
2PG21	H6B-SFH-1L-MCV-2PG21
PG29	H6B-SFH-1L-MCV-PG29
2PG29	H6B-SFH-1L-MCV-2PG29



外壳部分 / Hoods & Housings Contents

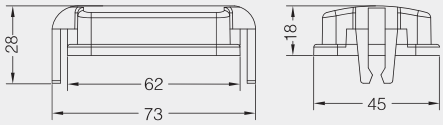
CE ROHS REACH

6B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

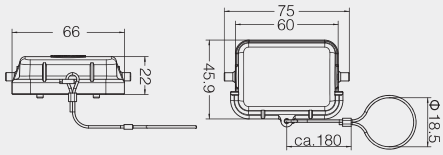
防护盖 Protection covers

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于上壳 For hoods	H6B-CV-2C

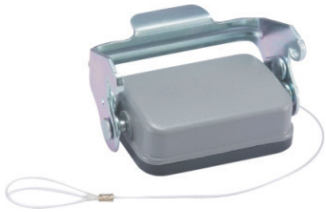


防护盖 Protection covers

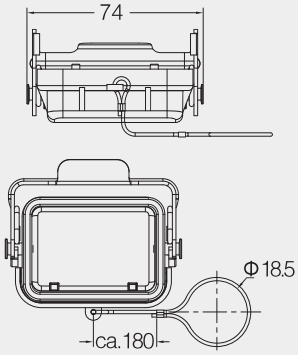
接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于下壳 For housings	H6B-MCV-2B/1
	金属盖 / 用于下壳 For housings	H6B-MCV-2B/2



防护盖 Protection covers



接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于上壳 For hoods	H6B-MCV-1L.1S



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外壳部分 / Hoods & Housings Contents

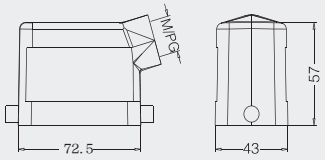
CE ROHS REACH

10B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

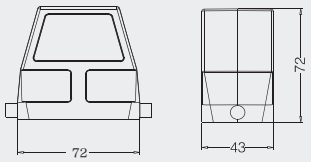
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	H10B-SE-2B-M20
M25	H10B-SE-2B-M25
PG16	H10B-SE-2B-PG1



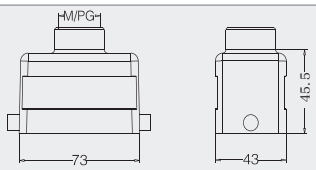
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M25	H10B-SEH-2B-M25
M32	H10B-SEH-2B-M32
PG21	H10B-SEH-2B-PG21
PG29	H10B-SEH-2B-PG29



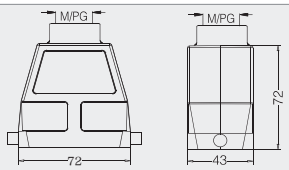
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M20	H10B-TE-2B-M20
M25	H10B-TE-2B-M25
PG16	H10B-TE-2B-PG16



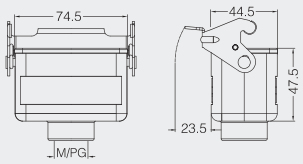
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M25	H10B-TEH-2B-M25
M32	H10B-TEH-2B-M32
PG21	H10B-TEH-2B-PG21
PG29	H10B-TEH-2B-PG29



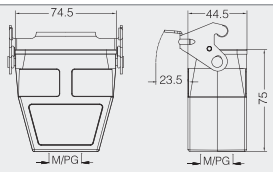
飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M20	H10B-CCT-1L-M20
PG16	H10B-CCT-1L-PG16



飞线下壳 高结构 Housings, cable to cable, high construction

螺纹 Thread	型号 Type
M25	H10B-CCTH-1L-M25
M32	H10B-CCTH-1L-M32
PG21	H10B-CCTH-1L-PG21
PG29	H10B-CCTH-1L-PG29



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外壳部分 / Hoods & Housings Contents

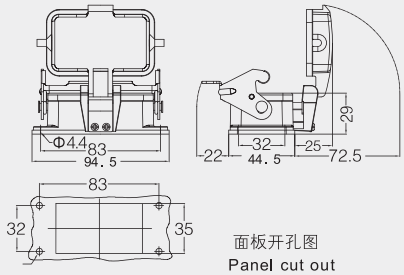
CE ROHS REACH

10B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

不封底下壳 Housings, bulkhead mounting

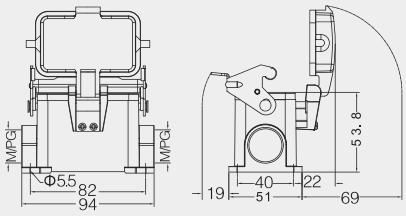
螺纹 Thread	型号 Type
---	H10B-BK-1L
	带塑料盖 With plastic cover
---	H10B-BK-1L-CV
	带金属料盖 With metal cover
---	H10B-BK-1L-MCV



面板开孔图
Panel cut out

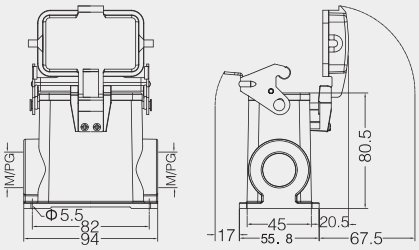
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H10B-SF-1L-M20
2M20	H10B-SF-1L-2M20
M25	H10B-SF-1L-M25
2M25	H10B-SF-1L-2M25
PG16	H10B-SF-1L-PG16
2PG16	H10B-SF-1L-2PG16
	带塑料盖 With plastic cover
M20	H10B-SF-1L-CV-M20
2M20	H10B-SF-1L-CV-2M20
M25	H10B-SF-1L-CV-M25
2M25	H10B-SF-1L-CV-2M25
PG16	H10B-SF-1L-CV-PG16
2PG16	H10B-SF-1L-CV-2PG16
	带金属盖 With metal cover
M20	H10B-SF-1L-MCV-M20
2M20	H10B-SF-1L-MCV-2M20
M25	H10B-SF-1L-MCV-M25
2M25	H10B-SF-1L-MCV-2M25
PG16	H10B-SF-1L-MCV-PG16
2PG16	H10B-SF-1L-MCV-2PG16



封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
M25	H10B-SFH-1L-M25
2M25	H10B-SFH-1L-2M25
M32	H10B-SFH-1L-M32
2M32	H10B-SFH-1L-2M32
PG21	H10B-SFH-1L-PG21
2PG21	H10B-SFH-1L-2PG21
PG29	H10B-SFH-1L-PG29
2PG29	H10B-SFH-1L-2PG29
	带塑料盖 With plastic cover
M25	H10B-SFH-1L-CV-M25
2M25	H10B-SFH-1L-CV-2M25
M32	H10B-SFH-1L-CV-M32
2M32	H10B-SFH-1L-CV-2M32
PG21	H10B-SFH-1L-CV-PG21
2PG21	H10B-SFH-1L-CV-2PG21
PG29	H10B-SFH-1L-CV-PG29
2PG29	H10B-SFH-1L-CV-2PG29
	带金属盖 With metal cover
M25	H10B-SFH-1L-MCV-M25
2M25	H10B-SFH-1L-MCV-2M25
M32	H10B-SFH-1L-MCV-M32
2M32	H10B-SFH-1L-MCV-2M32
PG21	H10B-SFH-1L-MCV-PG21
2PG21	H10B-SFH-1L-MCV-2PG21
PG29	H10B-SFH-1L-MCV-PG29
2PG29	H10B-SFH-1L-MCV-2PG29



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外壳部分 / Hoods & Housings Contents

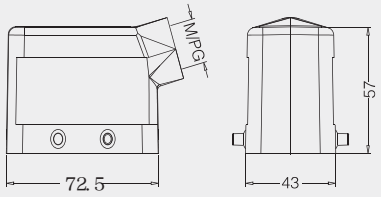
CE ROHS REACH

10B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

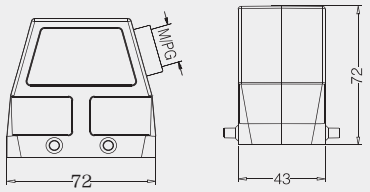
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	H10B-SE-4B-M20
M25	H10B-SE-4B-M25
PG16	H10B-SE-4B-PG16



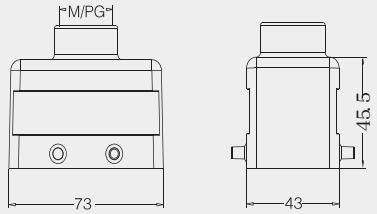
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M25	H10B-SEH-4B-M25
M32	H10B-SEH-4B-M32
PG21	H10B-SEH-4B-PG21
PG29	H10B-SEH-4B-PG29



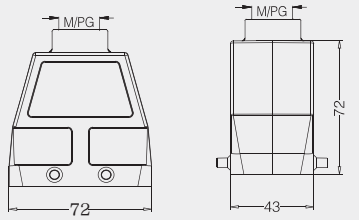
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M20	H10B-TE-4B-M20
M25	H10B-TE-4B-M25
PG16	H10B-TE-4B-PG16



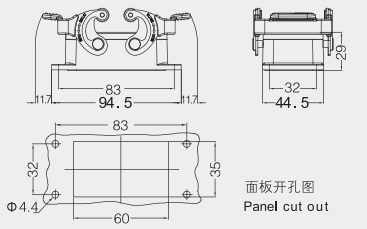
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M25	H10B-TEH-4B-M25
M32	H10B-TEH-4B-M32
2M20	H10B-TEH-4B-2M20
PG16	H10B-TEH-4B-PG16
PG21	H10B-TEH-4B-PG21
PG29	H10B-TEH-4B-PG29



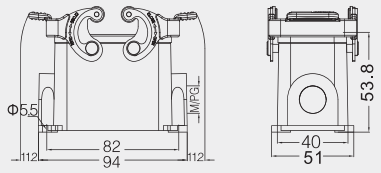
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H10B-BK-2L



封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H10B-SF-2L-M20
2M20	H10B-SF-2L-2M20
M25	H10B-SF-2L-M25
2M25	H10B-SF-2L-2M25
PG16	H10B-SF-2L-PG16
2PG16	H10B-SF-2L-2PG16



外壳部分 / Hoods & Housings Contents

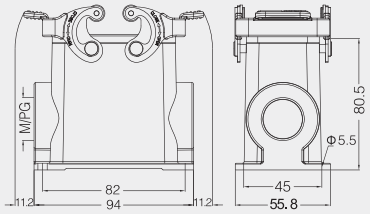
CE ROHS REACH

10B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

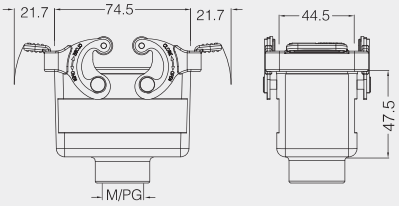
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M25	H10B-SFH-2L-M25
2M25	H10B-SFH-2L-2M25
M32	H10B-SFH-2L-M32
2M32	H10B-SFH-2L-2M32
PG21	H10B-SFH-2L-PG21
2PG21	H10B-SFH-2L-2PG21
PG29	H10B-SFH-2L-PG29
2PG29	H10B-SFH-2L-2PG29



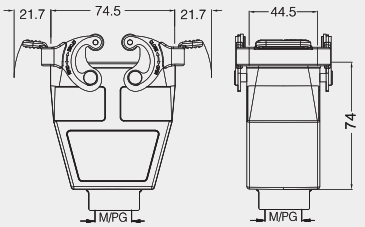
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	H10B-CCT-2L-M20
PG16	H10B-CCT-2L-PG16



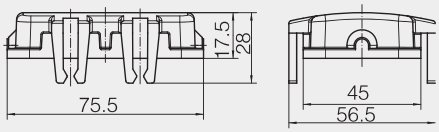
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M25	H10B-CCTH-2L-M25
M32	H10B-CCTH-2L-M32
PG21	H10B-CCTH-2L-PG21
PG29	H10B-CCTH-2L-PG29



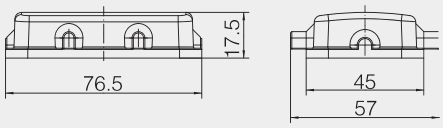
防护盖 Protection covers

接线方式 Connect way	描述 Applications	型号 Type
	用于上壳 For hoods	H10B-CV-4C



防护盖 Protection covers

接线方式 Connect way	描述 Applications	型号 Type
	塑料盖 / 用于飞线下壳 For Housings,cable to cable	H10B-CV-4B/1
	塑料盖 / 用于不封底，封底下壳 For housing,bulkhead/ surface mounting	H10B-CV-4B/2



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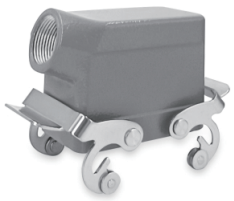
外壳部分 / Hoods & Housings Contents

CE ROHS REACH

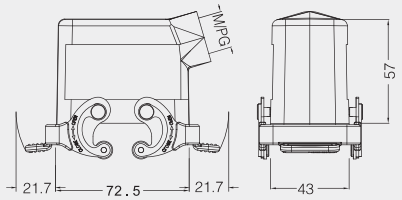
10B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

上壳 侧出线 Hoods, side entry

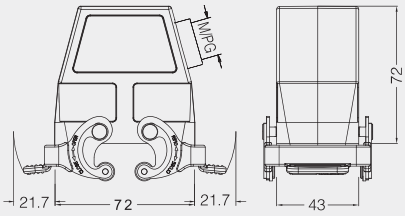


螺纹 Thread	型号 Type
M20	H10B-SE-2L-M20
PG16	H10B-SE-2L-PG16



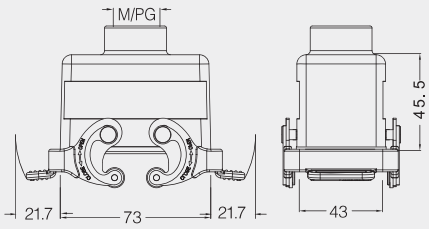
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M25	H10B-SEH-2L-M25
M32	H10B-SEH-2L-M32
PG21	H10B-SEH-2L-PG21
PG29	H10B-SEH-2L-PG29



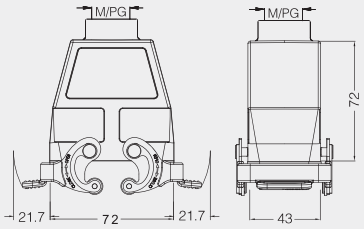
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M20	H10B-TE-2L-M20
PG16	H10B-TE-2L-PG16



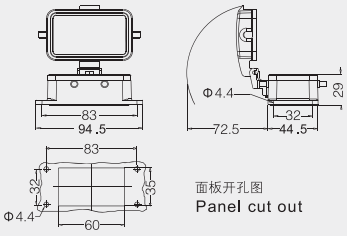
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M25	H10B-TEH-2L-M25
M32	H10B-TEH-2L-M32
PG21	H10B-TEH-2L-PG21
PG29	H10B-TEH-2L-PG29



不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H10B-BK-4B
	带塑料盖 With plastic cover
---	H10B-BK-4B-CV
	带金属盖 With metal cover
---	H10B-BK-4B-MCV



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外壳部分 / Hoods & Housings Contents

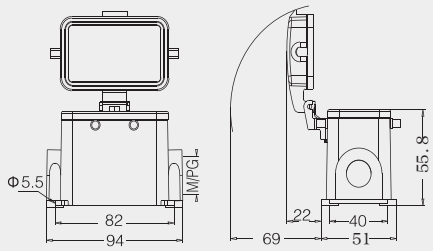
CE ROHS REACH

10B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection: IP65

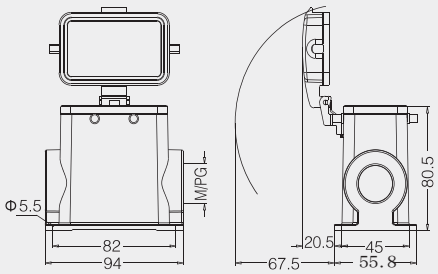
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H10B-SF-4B-M20
2M20	H10B-SF-4B-2M20
M25	H10B-SF-4B-M25
2M25	H10B-SF-4B-2M25
PG16	H10B-SF-4B-PG16
2PG16	H10B-SF-4B-2PG16
	带塑料盖 With plastic cover
M20	H10B-SF-4B-CV-M20
2M20	H10B-SF-4B-CV-2M20
M25	H10B-SF-4B-CV-M25
2M25	H10B-SF-4B-CV-2M25
PG16	H10B-SF-4B-CV-PG16
2PG16	H10B-SF-4B-CV-2PG16
	带金属盖 With metal cover
M20	H10B-SF-4B-MCV-M20
2M20	H10B-SF-4B-MCV-2M20
M25	H10B-SF-4B-MCV-M25
2M25	H10B-SF-4B-MCV-2M25
PG16	H10B-SF-4B-MCV-PG16
2PG16	H10B-SF-4B-MCV-2PG16



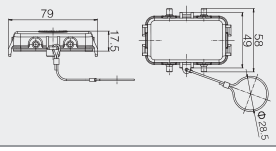
封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
M25	H10B-SFH-4B-M25
2M25	H10B-SFH-4B-2M25
M32	H10B-SFH-4B-M32
2M32	H10B-SFH-4B-2M32
PG21	H10B-SFH-4B-PG21
2PG21	H10B-SFH-4B-2PG21
PG29	H10B-SFH-4B-PG29
2PG29	H10B-SFH-4B-2PG29
	带塑料盖 With plastic cover
M25	H10B-SFH-4B-CV-M25
2M25	H10B-SFH-4B-CV-2M25
M32	H10B-SFH-4B-CV-M32
2M32	H10B-SFH-4B-CV-2M32
PG21	H10B-SFH-4B-CV-PG21
2PG21	H10B-SFH-4B-CV-2PG21
PG29	H10B-SFH-4B-CV-PG29
2PG29	H10B-SFH-4B-CV-2PG29
	带金属盖 With metal cover
M25	H10B-SFH-4B-MCV-M25
2M25	H10B-SFH-4B-MCV-2M25
M32	H10B-SFH-4B-MCV-M32
2M32	H10B-SFH-4B-MCV-2M32
PG21	H10B-SFH-4B-MCV-PG21
2PG21	H10B-SFH-4B-MCV-2PG21
PG29	H10B-SFH-4B-MCV-PG29
2PG29	H10B-SFH-4B-MCV-2PG29



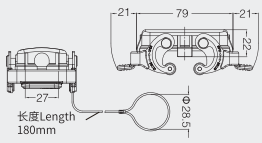
塑料防护盖 Protection covers, plastic cover

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于下壳 For housings	H10B-MCV-4B/1
	金属盖 / 用于下壳 For housings	H10B-MCV-4B/2



塑料防护盖 Protection covers, plastic cover

接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于下壳 For housings	H10B-MCV-2L.1S
	金属盖 / 用于下壳 For housings	H10B-MCV-2L.2S



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外壳部分 / Hoods & Housings Contents

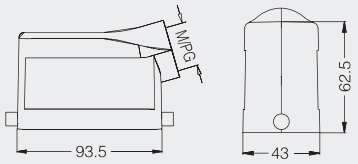
CE ROHS REACH

16B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection: IP65

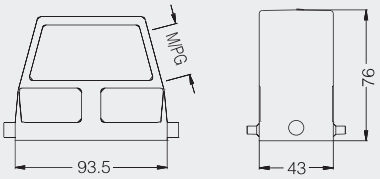
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M25	H16B-SE-2B-M25
M32	H16B-SE-2B-M32
PG21	H16B-SE-2B-PG21

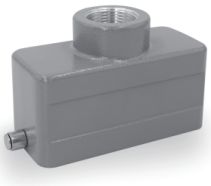


上壳 侧出线 高结构 Hoods, side entry, high construction

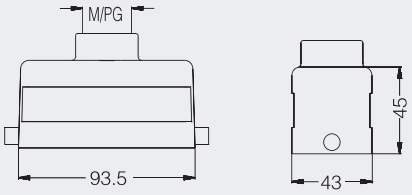
螺纹 Thread	型号 Type
M32	H16B-SEH-2B-M32
M40	H16B-SEH-2B-M40
PG21	H16B-SEH-2B-PG21
PG29	H16B-SEH-2B-PG29



上壳 顶出线 Hoods, top entry

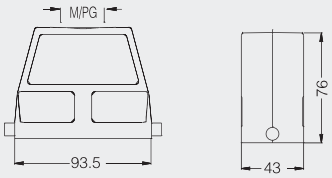


螺纹 Thread	型号 Type
M25	H16B-TE-2B-M25
M32	H16B-TE-2B-M32
PG21	H16B-TE-2B-PG21



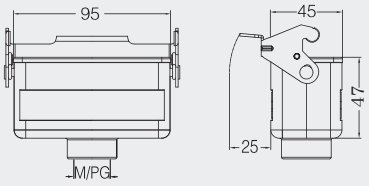
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M32	H16B-TEH-2B-M32
M40	H16B-TEH-2B-M40
PG21	H16B-TEH-2B-PG21
PG29	H16B-TEH-2B-PG29



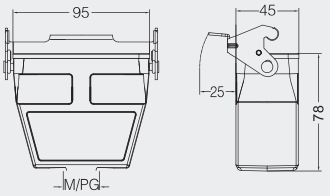
飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M25	H16B-CCT-1L-M25
M32	H16B-CCT-1L-M32
PG21	H16B-CCT-1L-PG21



飞线下壳 高结构 Housings, cable to cable, high construction

螺纹 Thread	型号 Type
M32	H16B-CCTH-1L-M32
M40	H16B-CCTH-1L-M40
PG21	H16B-CCTH-1L-PG21
PG29	H16B-CCTH-1L-PG29



外壳部分 / Hoods & Housings Contents

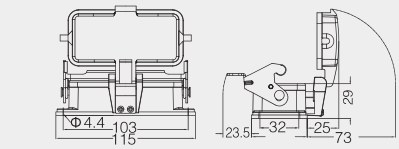
CE ROHS REACH

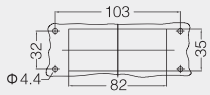
16B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H16B-BK-1L
	带塑料盖 With plastic cover
---	H16B-BK-1L-CV
	带金属盖 With metal cover
---	H16B-BK-1L-MCV

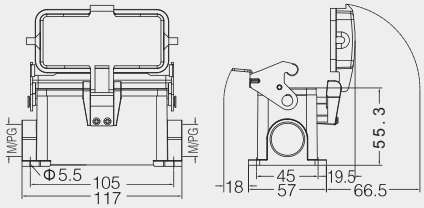




面板开孔图
Panel cut out

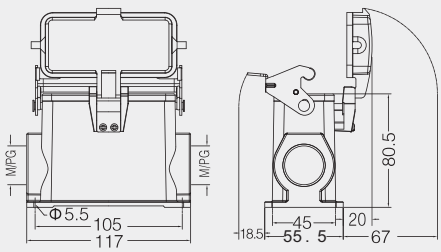
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M25	H16B-SF-1L-M25
2M25	H16B-SF-1L-2M25
PG21	H16B-SF-1L-PG21
2PG21	H16B-SF-1L-2PG21
	带塑料盖 With plastic cover
M25	H16B-SF-1L-CV-M25
2M25	H16B-SF-1L-CV-2M25
PG21	H16B-SF-1L-CV-PG21
2PG21	H16B-SF-1L-CV-2PG21
	带金属盖 With metal cover
M25	H16B-SF-1L-MCV-M25
2M25	H16B-SF-1L-MCV-2M25
PG21	H16B-SF-1L-MCV-PG21
2PG21	H16B-SF-1L-MCV-2PG21



封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
M32	H16B-SFH-1L-M32
2M25	H16B-SFH-1L-2M25
2M32	H16B-SFH-1L-2M32
PG21	H16B-SFH-1L-PG21
2PG21	H16B-SFH-1L-2PG21
PG29	H16B-SFH-1L-PG29
2PG29	H16B-SFH-1L-2PG29
	带塑料盖 With plastic cover
M32	H16B-SFH-1L-CV-M32
2M32	H16B-SFH-1L-CV-2M32
PG21	H16B-SFH-1L-CV-PG21
2PG21	H16B-SFH-1L-CV-2PG21
PG29	H16B-SFH-1L-CV-PG29
2PG29	H16B-SFH-1L-CV-2PG29
	带金属盖 With metal cover
M32	H16B-SFH-1L-MCV-M32
2M32	H16B-SFH-1L-MCV-2M32
PG21	H16B-SFH-1L-MCV-PG21
2PG21	H16B-SFH-1L-MCV-2PG21
PG29	H16B-SFH-1L-MCV-PG29
2PG29	H16B-SFH-1L-MCV-2PG29



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外壳部分 / Hoods & Housings Contents

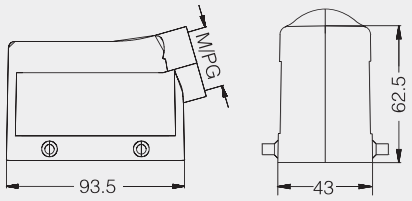
CE ROHS REACH

16B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection: IP65

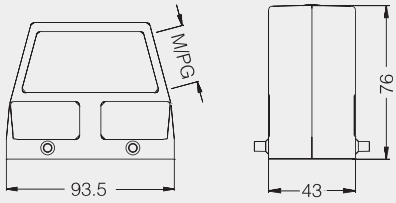
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M25	H16B-SE-4B-M25
M32	H16B-SE-4B-M32
PG21	H16B-SE-4B-PG21



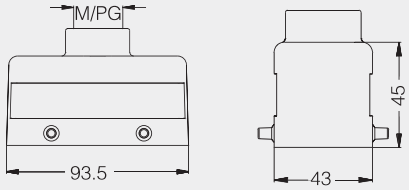
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M25	H16B-SEH-4B-M25
M32	H16B-SEH-4B-M32
M40	H16B-SEH-4B-M40
PG21	H16B-SEH-4B-PG21
PG29	H16B-SEH-4B-PG29



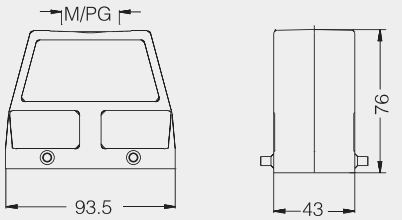
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M25	H16B-TE-4B-M25
M32	H16B-TE-4B-M32
PG21	H16B-TE-4B-PG21



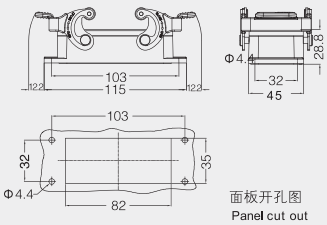
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M32	H16B-TEH-4B-M32
M40	H16B-TEH-4B-M40
PG21	H16B-TEH-4B-PG21
PG29	H16B-TEH-4B-PG29
2M25	H16B-TEH-4B-2M25
2PG16	H16B-TEH-4B-2PG16
2PG21	H16B-TEH-4B-2PG21



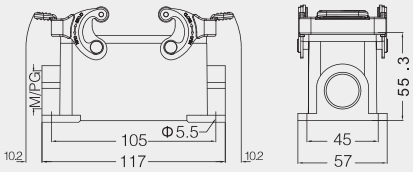
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H16B-BK-2L



封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M20	H16B-SF-2L-M25
2M25	H16B-SF-2L-2M25
PG21	H16B-SF-2L-PG21
2PG21	H16B-SF-2L-2PG21



外壳部分 / Hoods & Housings Contents

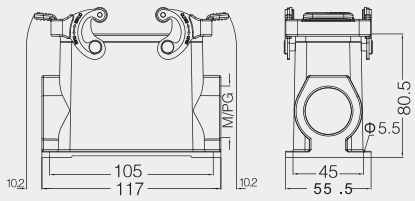
CE ROHS REACH

10B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

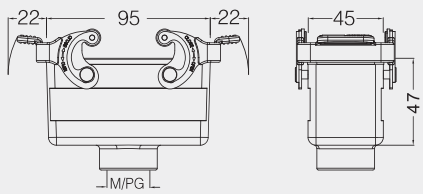
封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
2M25	H16B-SFH-2L-2M25
M32	H16B-SFH-2L-M32
2M32	H16B-SFH-2L-2M32
2M40	H16B-SFH-2L-2M40
PG21	H16B-SFH-2L-PG21
2PG21	H16B-SFH-2L-2PG21
PG29	H16B-SFH-2L-PG29
2PG29	H16B-SFH-2L-2PG29



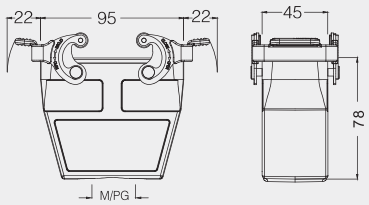
飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M20	H16B-CCT-2L-M25
M32	H16B-CCT-2L-M32
PG21	H16B-CCT-2L-PG21

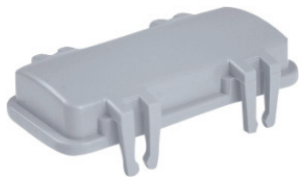


飞线下壳 高结构 Housings, cable to cable, high construction

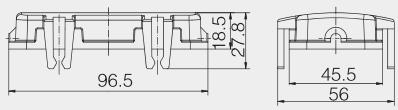
螺纹 Thread	型号 Type
M25	H16B-CCTH-2L-M25
M32	H16B-CCTH-2L-M32
M40	H16B-CCTH-2L-M40
PG21	H16B-CCTH-2L-PG21
PG29	H16B-CCTH-2L-PG29



塑料防护盖 4 卡扣 Protection covers, plastic

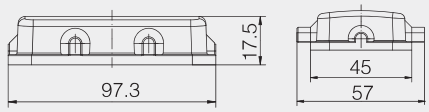


接线方式 Connect way	描述 Applications	型号 Type
	用于上壳 For hoods	H16B-CV-4C



塑料防护盖 Protection covers, plastic

接线方式 Connect way	描述 Applications	型号 Type
	塑料盖 / 用于飞线下壳 For Housings,cable to cable	H16B-CV-4B/1
	塑料盖 / 用于不封底，封底下壳 For housing,bulkhead/ surface mounting	H16B-CV-4B/2



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外壳部分 / Hoods & Housings Contents

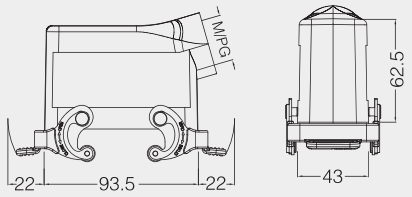
CE ROHS REACH

16B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

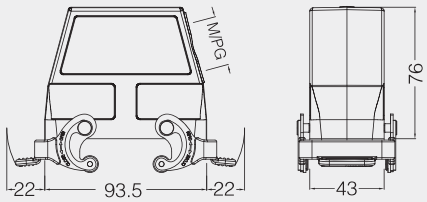
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M25	H16B-SE-2L-M25
M32	H16B-SE-2L-M32
PG21	H16B-SE-2L-PG21



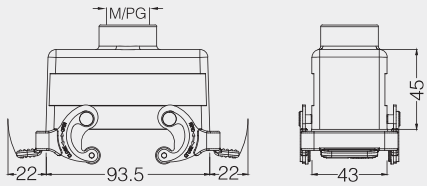
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M25	H16B-SEH-2L-M25
M32	H16B-SEH-2L-M32
M40	H16B-SEH-2L-M40
PG21	H16B-SEH-2L-PG21
PG29	H16B-SEH-2L-PG29



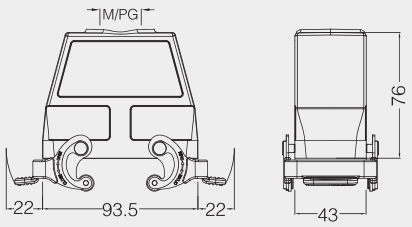
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M25	H16B-TE-2L-M25
M32	H16B-TE-2L-M32
PG21	H16B-TE-2L-PG21



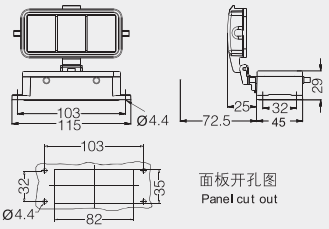
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M32	H16B-TEH-2L-M32
M40	H16B-TEH-2L-M40
PG21	H16B-TEH-2L-PG21
PG29	H16B-TEH-2L-PG29



不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H16B-BK-4B
	带塑料盖 With plastic cover
---	H16B-BK-4B-CV
	带金属盖 With metal cover
---	H16B-BK-4B-MCV



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外壳部分 / Hoods & Housings Contents

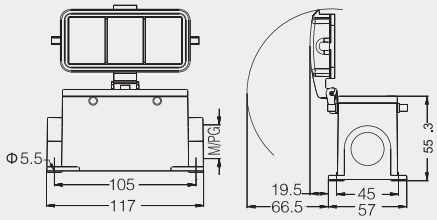
CE ROHS REACH

16B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

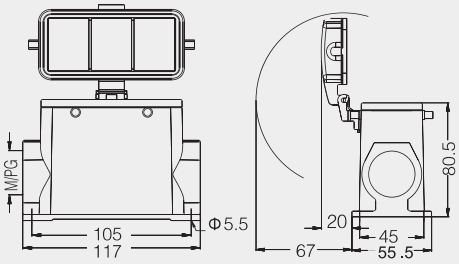
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M25	H16B-SF-4B-M25
2M25	H16B-SF-4B-2M25
PG21	H16B-SF-4B-PG21
2PG21	H16B-SF-4B-2PG21
	带塑料盖 With plastic cover
M25	H16B-SF-4B-CV-M25
2M25	H16B-SF-4B-CV-2M25
PG21	H16B-SF-4B-CV-PG21
2PG21	H16B-SF-4B-CV-2PG21
	带金属盖 With metal cover
M25	H16B-SF-4B-MCV-M25
2M25	H16B-SF-4B-MCV-2M25
PG21	H16B-SF-4B-MCV-PG21
2PG21	H16B-SF-4B-MCV-2PG21



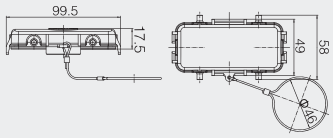
封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
M25	H16B-SFH-4B-M32
2M32	H16B-SFH-4B-2M32
PG21	H16B-SFH-4B-PG21
2PG21	H16B-SFH-4B-2PG21
PG29	H16B-SFH-4B-PG29
2PG29	H16B-SFH-4B-2PG29
	带塑料盖 With plastic cover
M32	H16B-SFH-4B-CV-M32
2M32	H16B-SFH-4B-CV-2M32
PG21	H16B-SFH-4B-CV-PG21
2PG21	H16B-SFH-4B-CV-2PG21
PG29	H16B-SFH-4B-CV-PG29
2PG29	H16B-SFH-4B-CV-2PG29
	带金属盖 With metal cover
M32	H16B-SFH-4B-MCV-M32
2M32	H16B-SFH-4B-MCV-2M32
PG21	H16B-SFH-4B-MCV-PG21
2PG21	H16B-SFH-4B-MCV-2PG21
PG29	H16B-SFH-4B-MCV-PG29
2PG29	H16B-SFH-4B-MCV-2PG29

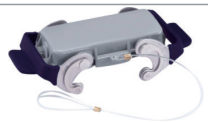


防护盖 Protection covers, metal

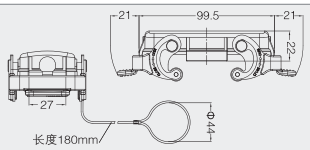
接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于下壳 For housings	H16B-MCV-4B/1
	金属盖 / 用于下壳 For housings	H16B-MCV-4B/2



防护盖 Protection covers, metal



接线方式 Connect way	描述 Applications	型号 Type
	金属盖 / 用于下壳 For housings	H16B-MCV-2L.1S
	金属盖 / 用于下壳 For housings	H16B-MCV-2L.2S



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外壳部分 / Hoods & Housings Contents

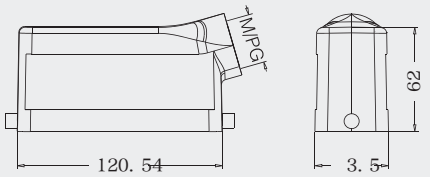
CE ROHS REACH

24B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection: IP65

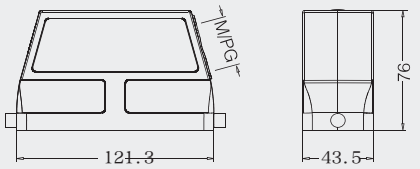
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M25	H24B-SE-2B-M25
M32	H24B-SE-2B-M32
PG21	H24B-SE-2B-PG21

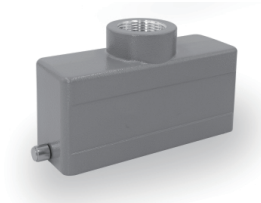


上壳 侧出线 高结构 Hoods, side entry, high construction

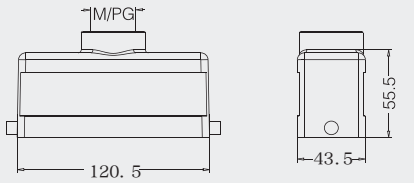
螺纹 Thread	型号 Type
M25	H24B-SEH-2B-M25
M32	H24B-SEH-2B-M32
M40	H24B-SEH-2B-M40
PG21	H24B-SEH-2B-PG21
PG29	H24B-SEH-2B-PG29
PG36	H24B-SEH-2B-PG36



上壳 顶出线 Hoods, top entry

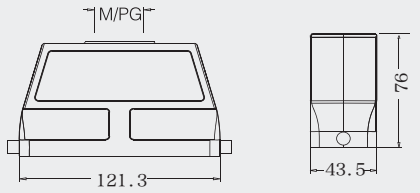


螺纹 Thread	型号 Type
M25	H24B-TE-2B-M25
M32	H24B-TE-2B-M32
PG21	H24B-TE-2B-PG21
PG29	H24B-TE-2B-PG29



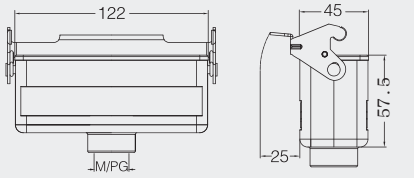
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M32	H24B-TEH-2B-M32
M40	H24B-TEH-2B-M40
PG21	H24B-TEH-2B-PG21
PG29	H24B-TEH-2B-PG29
PG36	H24B-TEH-2B-PG36



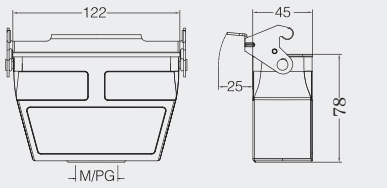
飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M25	H24B-CCT-1L-M25
M32	H24B-CCT-1L-M32
PG21	H24B-CCT-1L-PG21
PG29	H24B-CCT-1L-PG29



飞线下壳 高结构 Housings, cable to cable, high construction

螺纹 Thread	型号 Type
M32	H24B-CCTH-1L-M32
M40	H24B-CCTH-1L-M40
PG21	H24B-CCTH-1L-PG21
PG29	H24B-CCTH-1L-PG29



外壳部分 / Hoods & Housings Contents

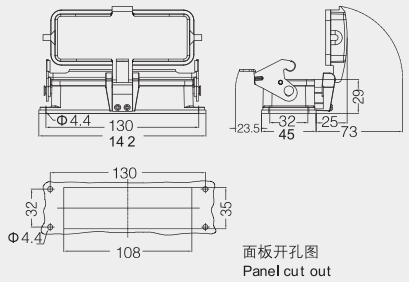
CE ROHS REACH

24B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

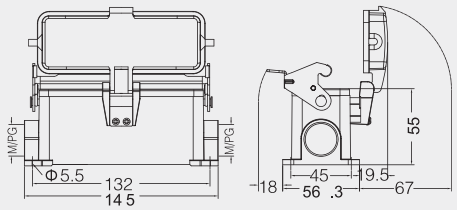
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H24B-BK-1L
	带塑料盖 With plastic cover
---	H24B-BK-1L-CV
	带金属盖 With metal cover
---	H24B-BK-1L-MCV



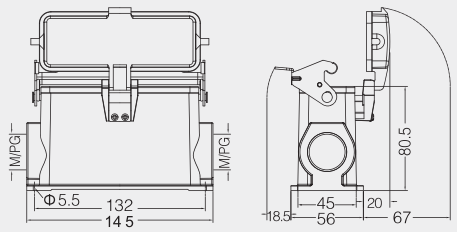
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M25	H24B-SF-1L-M25
2M25	H24B-SF-1L-2M25
PG21	H24B-SF-1L-PG21
2PG21	H24B-SF-1L-2PG21
	带塑料盖 With plastic cover
M25	H24B-SF-1L-CV-M25
2M25	H24B-SF-1L-CV-2M25
PG21	H24B-SF-1L-CV-PG21
2PG21	H24B-SF-1L-CV-2PG21
	带金属盖 With metal cover
M25	H24B-SF-1L-MCV-M25
2M25	H24B-SF-1L-MCV-2M25
PG21	H24B-SF-1L-MCV-PG21
2PG21	H24B-SF-1L-MCV-2PG21



封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
M25	H24B-SFH-1L-M32
2M25	H24B-SFH-1L-2M32
M40	H24B-SFH-1L-M40
2M40	H24B-SFH-1L-2M40
PG21	H24B-SFH-1L-PG21
2PG21	H24B-SFH-1L-2PG21
PG29	H24B-SFH-1L-PG29
2PG29	H24B-SFH-1L-2PG29
	带塑料盖 With plastic cover
M32	H24B-SFH-1L-CV-M32
2M32	H24B-SFH-1L-CV-2M32
PG21	H24B-SFH-1L-CV-PG21
2PG21	H24B-SFH-1L-CV-2PG21
PG29	H24B-SFH-1L-CV-PG29
2PG29	H24B-SFH-1L-CV-2PG29
	带金属盖 With metal cover
M32	H24B-SFH-1L-MCV-M32
2M32	H24B-SFH-1L-MCV-2M32
PG21	H24B-SFH-1L-MCV-PG21
2PG21	H24B-SFH-1L-MCV-2PG21
PG29	H24B-SFH-1L-MCV-PG29
2PG29	H24B-SFH-1L-MCV-2PG29



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外壳部分 / Hoods & Housings Contents

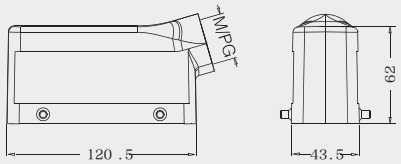
CE ROHS REACH

24B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection: IP65

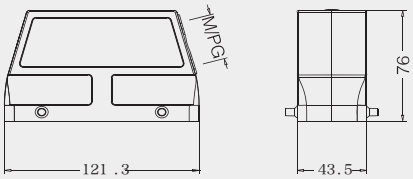
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M25	H24B-SE-4B-M25
M32	H24B-SE-4B-M32
PG21	H24B-SE-4B-PG21

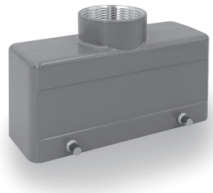


上壳 侧出线 高结构 Hoods, side entry,high construction

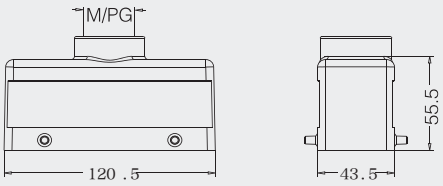
螺纹 Thread	型号 Type
M25	H24B-SEH-4B-M25
M32	H24B-SEH-4B-M32
M40	H24B-SEH-4B-M40
PG21	H24B-SEH-4B-PG21
PG29	H24B-SEH-4B-PG29



上壳 顶出线 Hoods, top entry

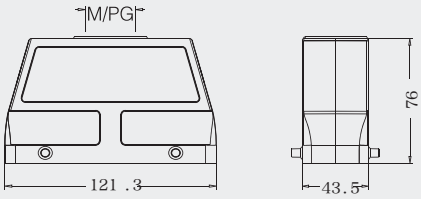


螺纹 Thread	型号 Type
M25	H24B-TE-4B-M25
M32	H24B-TE-4B-M32
PG21	H24B-TE-4B-PG21
PG29	H24B-TE-4B-PG29



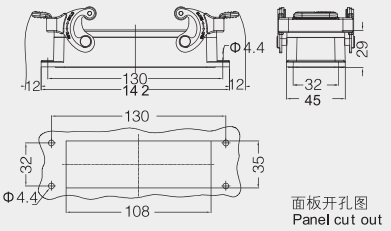
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M32	H24B-TEH-4B-M32
M40	H24B-TEH-4B-M40
PG21	H24B-TEH-4B-PG21
PG29	H24B-TEH-4B-PG29
2M25	H24B-TEH-4B-2M25
2M32	H24B-TEH-4B-2M32
2PG16	H24B-TEH-4B-2PG16
2PG21	H24B-TEH-4B-2PG21
2PG29	H24B-TEH-4B-2PG29



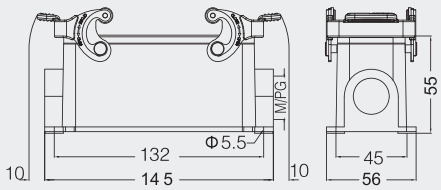
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H24B-BK-2L



封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M25	H24B-SF-2L-M25
2M25	H24B-SF-2L-2M25
PG21	H24B-SF-2L-PG21
2PG21	H24B-SF-2L-2PG21



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外壳部分 / Hoods & Housings Contents

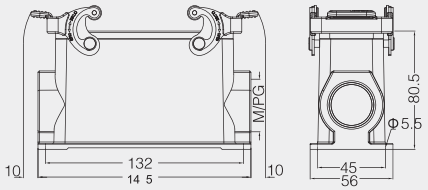
CE ROHS REACH

24B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

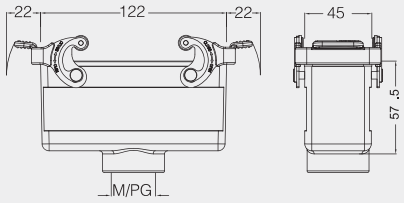
封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
M32	H24B-SFH-2L-M32
2M32	H24B-SFH-2L-2M32
M40	H24B-SFH-2L-M40
2M40	H24B-SFH-2L-2M40
PG21	H24B-SFH-2L-PG21
2PG21	H24B-SFH-2L-2PG21
PG29	H24B-SFH-2L-PG29
2PG29	H24B-SFH-2L-2PG29



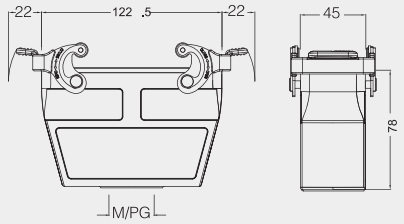
飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M25	H24B-CCT-2L-M25
M32	H24B-CCT-2L-M32
PG21	H24B-CCT-2L-PG21
PG29	H24B-CCT-2L-PG29



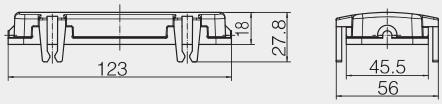
飞线下壳 高结构 Housings, cable to cable, high construction

螺纹 Thread	型号 Type
M32	H24B-CCTH-2L-M32
M40	H24B-CCTH-2L-M40
PG21	H24B-CCTH-2L-PG21
PG29	H24B-CCTH-2L-PG29



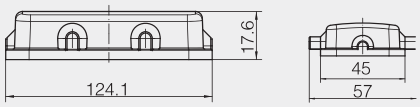
塑料防护盖 4 卡扣 Protection covers, plastic

接线方式 Connect way	描述 Applications	型号 Type
	用于上壳 For hoods	H24B-CV-4C



塑料防护盖 Protection covers, plastic

接线方式 Connect way	描述 Applications	型号 Type
	塑料盖 / 用于飞线下壳 For Housings,cable to cable	H24B-CV-4B/1
	塑料盖 / 用于不封底，封底下壳 For housing,bulkhead/ surface mounting	H24B-CV-4B/2



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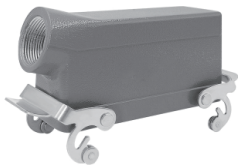
外壳部分 / Hoods & Housings Contents

CE ROHS REACH

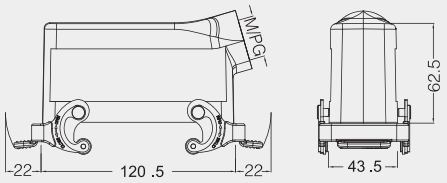
24B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

上壳 侧出线 Hoods, side entry

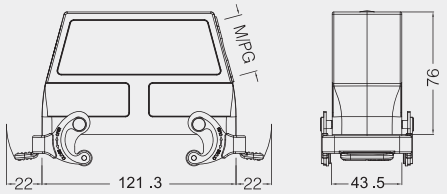


螺纹 Thread	型号 Type
M25	H24B-SE-2L-M25
M32	H24B-SE-2L-M32
PG21	H24B-SE-2L-PG21



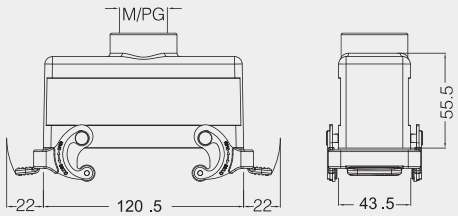
上壳 侧出线 高结构 Hoods, side entry, high construction

螺纹 Thread	型号 Type
M32	H24B-SEH-2L-M32
M40	H24B-SEH-2L-M40
PG21	H24B-SEH-2L-PG21
PG29	H24B-SEH-2L-PG29



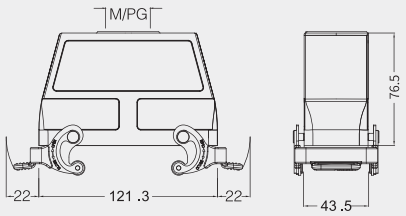
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M25	H24B-TE-2L-M25
M32	H24B-TE-2L-M32
PG21	H24B-TE-2L-PG21
PG29	H24B-TE-2L-PG29



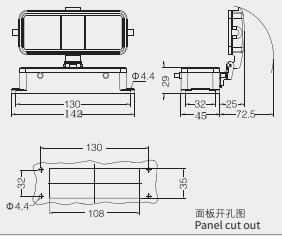
上壳 顶出线 高结构 Hoods, top entry, high construction

螺纹 Thread	型号 Type
M32	H24B-TEH-2L-M32
M40	H24B-TEH-2L-M40
PG21	H24B-TEH-2L-PG21
PG29	H24B-TEH-2L-PG29



不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H24B-BK-4B
	带塑料盖 With plastic cover
---	H24B-BK-4B-CV
	带金属盖 With metal cover
---	H24B-BK-4B-MCV



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外壳部分 / Hoods & Housings Contents

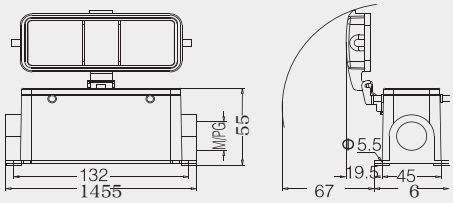
CE ROHS REACH

24B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

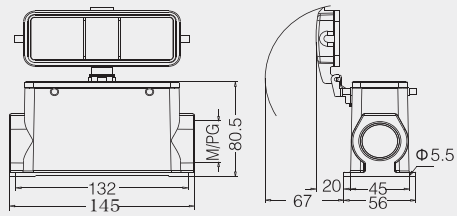
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M25	H24B-SF-4B-M25
2M25	H24B-SF-4B-2M25
PG21	H24B-SF-4B-PG21
2PG21	H24B-SF-4B-2PG21
	带塑料盖 With plastic cover
M25	H24B-SF-4B-CV-M25
2M25	H24B-SF-4B-CV-2M25
PG21	H24B-SF-4B-CV-PG21
2PG21	H24B-SF-4B-CV-2PG21
	带金属盖 With metal cover
M25	H24B-SF-4B-MCV-M25
2M25	H24B-SF-4B-MCV-2M25
PG21	H24B-SF-4B-MCV-PG21
2PG21	H24B-SF-4B-MCV-2PG21



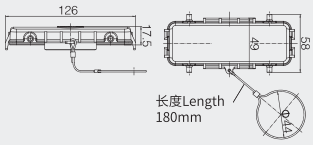
封底下壳 高结构 Housings, surface mounting, high construction

螺纹 Thread	型号 Type
M32	H24B-SFH-4B-M32
2M32	H24B-SFH-4B-2M32
2M40	H24B-SFH-4B-2M40
PG21	H24B-SFH-4B-PG21
2PG21	H24B-SFH-4B-2PG21
PG29	H24B-SFH-4B-PG29
2PG29	H24B-SFH-4B-2PG29
	带塑料盖 With plastic cover
M32	H24B-SFH-4B-CV-M32
2M32	H24B-SFH-4B-CV-2M32
2M40	H24B-SFH-4B-CV-2M40
PG21	H24B-SFH-4B-CV-PG21
2PG21	H24B-SFH-4B-CV-2PG21
PG29	H24B-SFH-4B-CV-PG29
2PG29	H24B-SFH-4B-CV-2PG29
	带金属盖 With metal cover
M32	H24B-SFH-4B-MCV-M32
2M32	H24B-SFH-4B-MCV-2M32
2M40	H24B-SFH-4B-MCV-2M40
PG21	H24B-SFH-4B-MCV-PG21
2PG21	H24B-SFH-4B-MCV-2PG21
PG29	H24B-SFH-4B-MCV-PG29
2PG29	H24B-SFH-4B-MCV-2PG29

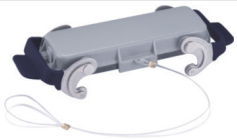


防护盖 Protection covers, metal

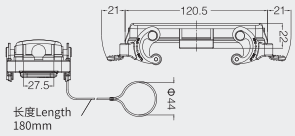
接线方式 Connect way	描述 Applications	型号 Type
	防护金属盖 / 用于上壳 For housings	H24B-MCV-4B/1
	防护金属盖 / 用于上壳 For housings	H24B-MCV-4B/2



防护盖 Protection covers, metal



接线方式 Connect way	描述 Applications	型号 Type
	防护金属盖 / 用于上壳 For housings	H24B-MCV-2L.1S
	防护金属盖 / 用于上壳 For housings	H24B-MCV-2L.2S



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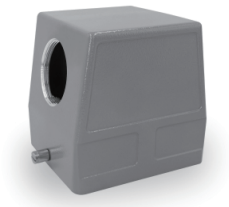
外壳部分 / Hoods & Housings Contents

CE ROHS REACH

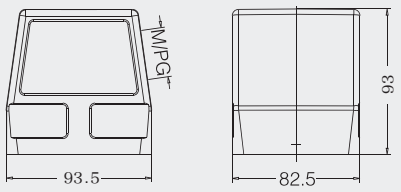
32B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

上壳 侧出线 Hoods, side entry

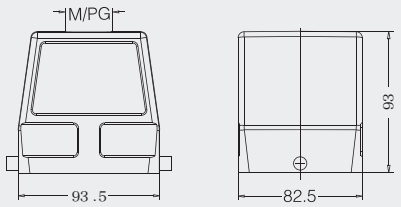


螺纹 Thread	型号 Type
M32	H32B-SE-2B-M32
M40	H32B-SE-2B-M40
M50	H32B-SE-2B-M50
PG29	H32B-SE-2B-PG29
PG36	H32B-SE-2B-PG36
PG42	H32B-SE-2B-PG42



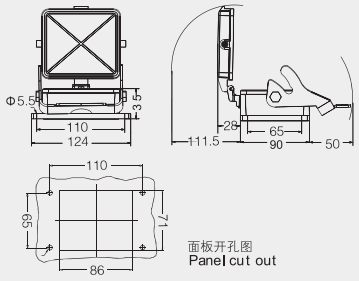
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M32	H32B-TE-2B-M32
M40	H32B-TE-2B-M40
M50	H32B-TE-2B-M50
PG29	H32B-TE-2B-PG29
PG36	H32B-TE-2B-PG36
PG42	H32B-TE-2B-PG42

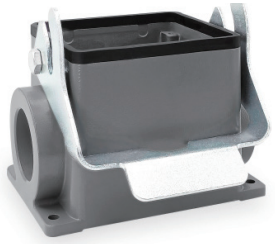


不封底下壳 Housings, bulkhead mounting

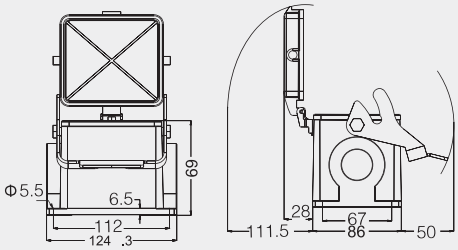
螺纹 Thread	型号 Type
---	H32B-BK-1L
	带塑料盖 With plastic cover
---	H32B-BK-1L-CV
	带金属盖 With metal cover
---	H32B-BK-1L-MCV



封底下壳 Housings, surface mounting



螺纹 Thread	型号 Type
M32	H32B-SF-1L-M32
2M32	H32B-SF-1L-2M32
M40	H32B-SF-1L-M40
2M40	H32B-SF-1L-2M40
M50	H32B-SF-1L-M50
PG29	H32B-SF-1L-PG29
2PG29	H32B-SF-1L-2PG29
PG36	H32B-SF-1L-PG36
2PG36	H32B-SF-1L-2PG36
	带塑料盖 With plastic cover
M32	H32B-SF-1L-CV-M32
2M32	H32B-SF-1L-CV-2M32
M40	H32B-SF-1L-CV-M40
2M40	H32B-SF-1L-CV-2M40
PG29	H32B-SF-1L-CV-PG29
2PG29	H32B-SF-1L-CV-2PG29
PG36	H32B-SF-1L-CV-PG36
2PG36	H32B-SF-1L-CV-2PG36
	带金属盖 With metal cover
M32	H32B-SF-1L-MCV-M32
2M32	H32B-SF-1L-MCV-2M32
M40	H32B-SF-1L-MCV-M40
2M40	H32B-SF-1L-MCV-2M40
PG29	H32B-SF-1L-MCV-PG29
2PG29	H32B-SF-1L-MCV-2PG29
PG36	H32B-SF-1L-MCV-PG36
2PG36	H32B-SF-1L-MCV-2PG36



外壳部分 / Hoods & Housings Contents

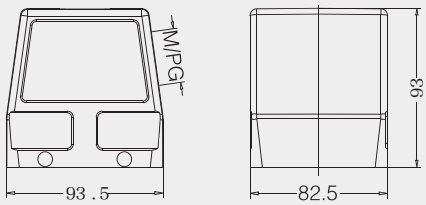
CE ROHS REACH

32B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

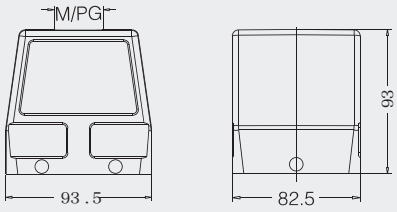
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M32	H32B-SE-4B-M32
M40	H32B-SE-4B-M40
M50	H32B-SE-4B-PG21
PG29	H32B-SE-4B-PG29
PG36	H32B-SE-4B-PG36
PG42	H32B-SE-4B-PG42
G2	H32B-SE-4B-G2



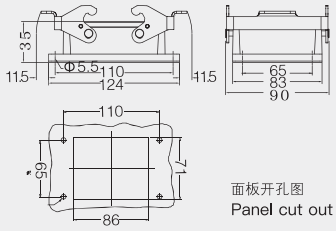
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M32	H32B-TE-4B-M32
M40	H32B-TE-4B-M40
M50	H32B-TE-4B-M50
PG29	H32B-TE-4B-PG29
PG36	H32B-TE-4B-PG36
PG42	H32B-TE-4B-PG42



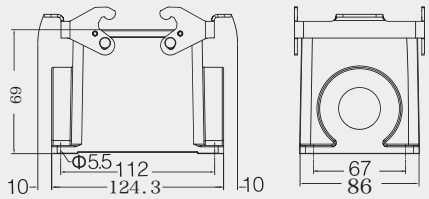
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H32B-BK-2L



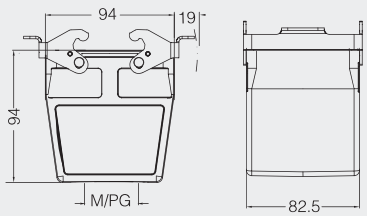
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M32	H32B-SF-2L-M32
2M32	H32B-SF-2L-2M32
M40	H32B-SF-2L-M40
2M40	H32B-SF-2L-2M40
M50	H32B-SF-2L-M50
PG29	H32B-SF-2L-PG29
2PG29	H32B-SF-2L-2PG29
PG36	H32B-SF-2L-PG36
2PG36	H32B-SF-2L-2PG36
PG42	H32B-SF-2L-PG42
2PG42	H32B-SF-2L-2PG42



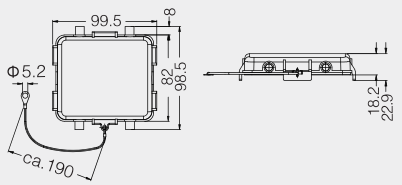
飞线下壳 Housings, cable to cable

螺纹 Thread	型号 Type
M32	H32B-CCT-2L-M32
M40	H32B-CCT-2L-M40
M50	H32B-CCT-2L-M50
PG29	H32B-CCT-2L-PG29
PG36	H32B-CCT-2L-PG36
PG42	H32B-CCT-2L-PG42



防护盖 Protection covers, metal

螺纹 Thread	型号 Type
---	H32B-MCV-4B/2



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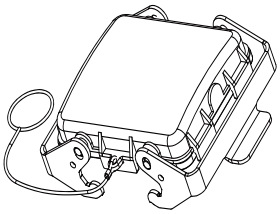
外壳部分 / Hoods & Housings Contents

CE ROHS REACH

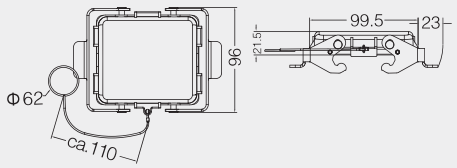
32B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

防护盖 Protection covers, metal

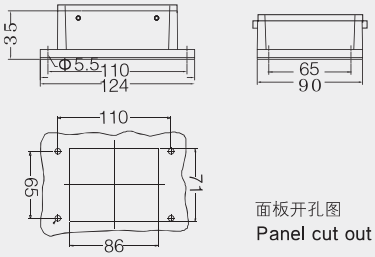


螺纹 Thread	型号 Type
---	H32B-MCV-2L.1S



不封底下壳 Housings, bulkhead mounting

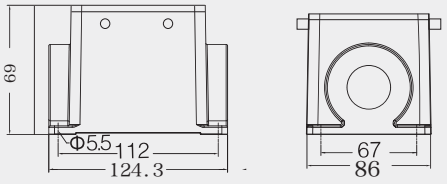
螺纹 Thread	型号 Type
---	H32B-BK-4B
	带塑料盖 With plastic cover
---	H32B-BK-4B-CV
	带金属盖 With metal cover
---	H32B-BK-4B-MCV



面板开孔图
Panel cut out

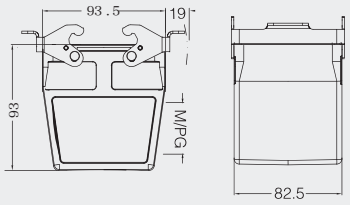
封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M32	H32B-SF-4B-M32
2M32	H32B-SF-4B-2M32
M40	H32B-SF-4B-M40
2M40	H32B-SF-4B-2M40
PG29	H32B-SF-4B-PG29
2PG29	H32B-SF-4B-2PG29
PG36	H32B-SF-4B-PG36
2PG36	H32B-SF-4B-2PG36
PG42	H32B-SF-4B-PG42



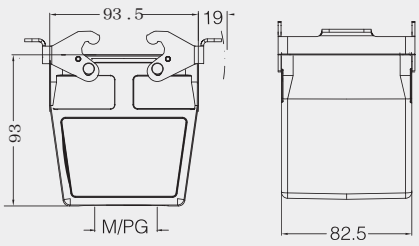
上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M32	H32B-SE-2L-M32
PG29	H32B-SE-2L-PG29



上壳 侧出线 Hoods, side entry

螺纹 Thread	型号 Type
M32	H32B-TE-2L-M32
M40	H32B-TE-2L-M40
M50	H32B-TE-2L-M50
PG29	H32B-TE-2L-M50
PG36	H32B-TE-2L-PG36
PG42	H32B-TE-2L-PG42



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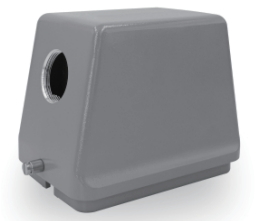
外壳部分 / Hoods & Housings Contents

CE ROHS REACH

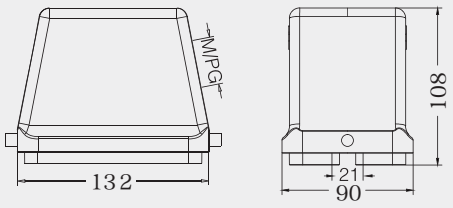
48B 金属外壳 Metal Hoods & Housings

防护等级 Degree of protection：IP65

上壳 侧出线 Hoods, side entry

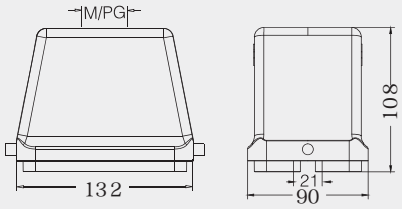


螺纹 Thread	型号 Type
M32	H48B-SE-2B-M32
M40	H48B-SE-2B-M40
M50	H48B-SE-2B-M50
PG29	H48B-SE-2B-PG29
PG36	H48B-SE-2B-PG36
PG42	H48B-SE-2B-PG42



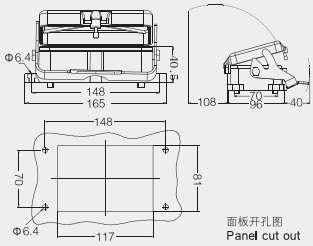
上壳 顶出线 Hoods, top entry

螺纹 Thread	型号 Type
M32	H48B-TE-2B-M32
M40	H48B-TE-2B-M40
M50	H48B-TE-2B-M50
PG29	H48B-TE-2B-PG29
PG36	H48B-TE-2B-PG36
PG42	H48B-TE-2B-PG42



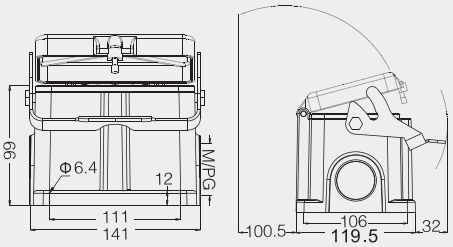
不封底下壳 Housings, bulkhead mounting

螺纹 Thread	型号 Type
---	H48B-BK-1L
	带塑料盖 With plastic cover
---	H48B-BK-1L-CV
	带金属盖 With metal cover
---	H48B-BK-1L-MCV



封底下壳 Housings, surface mounting

螺纹 Thread	型号 Type
M32	H48B-SF-1L-M32
2M32	H48B-SF-1L-2M32
M40	H48B-SF-1L-M40
2M40	H48B-SF-1L-2M40
M50	H48B-SF-1L-M50
2M50	H48B-SF-1L-2M50
PG29	H48B-SF-1L-PG29
2PG29	H48B-SF-1L-2PG29
PG36	H48B-SF-1L-PG36
2PG36	H48B-SF-1L-2PG36
	带塑料盖 With plastic cover
M32	H48B-SF-1L-CV-M32
2M32	H48B-SF-1L-CV-2M32
M40	H48B-SF-1L-CV-M40
2M40	H48B-SF-1L-CV-2M40
PG29	H48B-SF-1L-CV-PG29
2PG29	H48B-SF-1L-CV-2PG29
PG36	H48B-SF-1L-CV-PG36
2PG36	H48B-SF-1L-CV-2PG36
	带金属盖 With metal cover
M32	H48B-SF-1L-MCV-M32
2M32	H48B-SF-1L-MCV-2M32
M40	H48B-SF-1L-MCV-M40
2M40	H48B-SF-1L-MCV-2M40
PG29	H48B-SF-1L-MCV-PG29
2PG29	H48B-SF-1L-MCV-2PG29
PG36	H48B-SF-1L-MCV-PG36
2PG36	H48B-SF-1L-MCV-2PG36



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冷插针部分 / Cold Pin Part

CE ROHS REACH

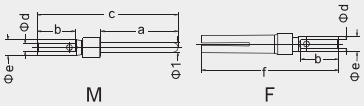
5A 冷压接插针 (适用于 HM,EMC-008,D-SUB, 插芯)
5A Crimp contacts (for HM,EMC-008,D-SUB, inserts)

接触电阻≤ 3Ω Contact resistance ≤ 3mΩ

镀银
silver plated

镀金
gold plated

公 Male	母 Female
CSSM-0.25	CSSF-0.25
CSSM-0.33	CSSF-0.33
CSSM-0.52	CSSF-0.52
CSSM-0.82	CSSF-0.82
CSGM-0.25	CSGF-0.25
CSGM-0.33	CSGF-0.33
CSGM-0.52	CSGF-0.52
CSGM-0.82	CSGF-0.82



a	b	c	d	e	f
8.23	4.2	14.0	1.35	1.75	13.6
8.10	4.0	14.8	1.12	1.66	14.4
8.10	4.0	14.8	0.90	1.66	14.4
8.10	4.0	14.8	0.64	1.66	14.4

线规 Wire gague		剥线长度 Stripping length
0.09-0.25 mm ²	AWG 28-24	5 mm
0.13-0.33 mm ²	AWG 26-22	5 mm
0.33-0.52 mm ²	AWG 22-20	5 mm
0.33-0.82 mm ²	AWG 22-18	5 mm

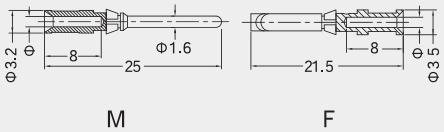
10A 冷压接插针 (适用于 HD,HDD,HM,HK,HQ 插芯)
10A Crimp contacts (for HD,HDD,HM,HK,HQ inserts)

接触电阻≤ 3mΩ Contact resistance ≤ 3mΩ

镀银
silver plated

镀金
gold plated

公 Male	母 Female
CDSM-0.37	CDSF-0.37
CDSM-0.5	CDSF-0.5
CDSM-0.75	CDSF-0.75
CDSM-1.0	CDSF-1.0
CDSM-1.5	CDSF-1.5
CDSM-2.5	CDSF-2.5
CDGM-0.37	CDGF-0.37
CDGM-0.5	CDGF-0.5
CDGM-0.75	CDGF-0.75
CDGM-1.0	CDGF-1.0
CDGM-1.5	CDGF-1.5
CDGM-2.5	CDGF-2.5



线规 Wire gague		Φ	剥线长度 Stripping length
0.14-0.37mm ²	AWG 26-22	0.9	8 mm
0.5 mm ²	AWG 20	1.1	8 mm
0.75 mm ²	AWG 18	1.3	8 mm
1 mm ²	AWG 18	1.45	8 mm
1.5 mm ²	AWG 16	1.75	8 mm
2.5 mm ²	AWG 14	2.25	6 mm

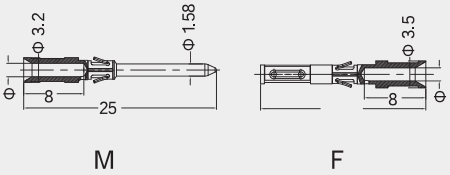
10A 压簧冷压接插针，带两爪支撑 (适用于 HD,HDD,HM,HK,HQ 插芯)
10A take two claws support (for HD,HDD,HM,HK,HQ inserts)

接触电阻≤ 3mΩ Contact resistance ≤ 3mΩ

镀银
silver plated

镀金
gold plated

公 Male	母 Female
CDSM-0.37B	CDSF-0.37B
CDSM-0.5B	CDSF-0.5B
CDSM-0.75B	CDSF-0.75B
CDSM-1.0B	CDSF-1.0B
CDSM-1.5B	CDSF-1.5B
CDSM-2.5B	CDSF-2.5B
CDGM-0.37B	CDGF-0.37B
CDGM-0.5B	CDGF-0.5B
CDGM-0.75B	CDGF-0.75B
CDGM-1.0B	CDGF-1.0B
CDGM-1.5B	CDGF-1.5B
CDGM-2.5B	CDGF-2.5B



线规 Wire gague		Φ	剥线长度 Stripping length
0.14-0.37 mm ²	AWG 26-22	0.9	8 mm
0.5 mm ²	AWG 20	1.1	8 mm
0.75 mm ²	AWG 18	1.3	8 mm
1 mm ²	AWG 18	1.45	8 mm
1.5 mm ²	AWG 16	1.75	8 mm
2.5 mm ²	AWG 14	2.25	6 mm

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冷插针部分 / Cold Pin Part

CE ROHS REACH

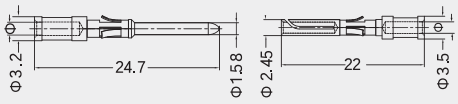
10A 冷压接插针 (适用于 HD,HDD,HM,HK,HQ 插芯)
10A Crimp contacts (for HD,HDD,HM,HK,HQ inserts)

接触电阻≤ 3mΩ Contact resistance ≤ 3mΩ

镀银
silver plated

镀金
gold plated

公 Male	母 Female
CDSM-0.37	CDSF-0.37
CDSM-0.5	CDSF-0.5
CDSM-0.75	CDSF-0.75
CDSM-1.0	CDSF-1.0
CDSM-1.5	CDSF-1.5
CDSM-2.5	CDSF-2.5
CDGM-0.37	CDGF-0.37
CDGM-0.5	CDGF-0.5
CDGM-0.75	CDGF-0.75
CDGM-1.0	CDGF-1.0
CDGM-1.5	CDGF-1.5
CDGM-2.5	CDGF-2.5



M F

线规 Wire gague		Φ	剥线长度 Stripping length
0.14–0.37 mm 2	AWG 26–22	0.9	8 mm
0.5 mm 2	AWG 20	1.1	8 mm
0.75 mm 2	AWG 18	1.3	8 mm
1 mm 2	AWG 18	1.45	8 mm
1.5 mm 2	AWG 16	1.75	8 mm
2.5 mm 2	AWG 14	2.25	6 mm

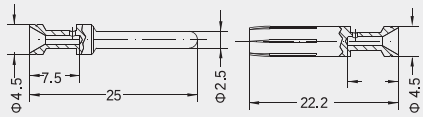
16A 冷压接插针 (适用于 HA,HE,HEE,HM,HK 插芯)
16A Crimp contacts (for HA,HE,HEE,HM,HK inserts)

接触电阻≤ 1mΩ Contact resistance ≤ 1mΩ

镀银
silver plated

镀金
gold plated

公 Male	公 Male
CESM-0.37	CESF-0.37
CESM-0.5	CESF-0.5
CESM-0.75	CESF-0.75
CESM-1.0	CESF-1.0
CESM-1.5	CESF-1.5
CESM-2.5	CESF-2.5
CESM-3.0	CESF-3.0
CESM-4.0	CESF-4.0
CEGM-0.37	CEGF-0.37
CEGM-0.5	CEGF-0.5
CEGM-0.75	CEGF-0.75
CEGM-1.0	CEGF-1.0
CEGM-1.5	CEGF-1.5
CEGM-2.5	CEGF-2.5
CEGM-4.0	CEGF-4.0



M F

标示 Identification	线规 Wire gague		剥线长度 Stripping length
no groove	0.14–0.37 mm 2	AWG 26–22	7.5mm
no groove	0.5 mm 2	AWG 20	7.5mm
1 groove	0.75 mm 2	AWG 18	7.5mm
1 groove	1 mm 2	AWG 18	7.5mm
2 groove	1.5 mm 2	AWG 16	7.5mm
3 groove	2.5 mm 2	AWG 14	7.5mm
wide groove	3 mm 2	AWG 12	7.5mm
no groove	4 mm 2	AWG 12	7.5mm

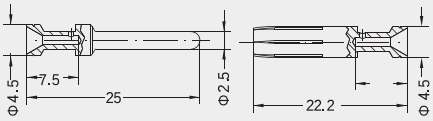
16A 冷压接插针 (采用冠簧接触)(适用于 HA,HE,HEE,HM,HK)
16A Crimp contacts (with crown contact) (for HA,HE,HEE,HM,HK inserts)

接触电阻≤ 1mΩ Contact resistance ≤ 1mΩ

镀银
silver platec

镀金
gold plated

公 Male	公 Male
CESM-0.37	CESF-0.37G
CESM-0.5	CESF-0.5G
CESM-0.75	CESF-0.75G
CESM-1.0	CESF-1.0G
CESM-1.5	CESF-1.5G
CESM-2.5	CESF-2.5G
CESM-3.0	CESF-3.0G
CESM-4.0	CESF-4.0G
CEGM-0.37	CEGF-0.37G
CEGM-0.5	CEGF-0.5G
CEGM-0.75	CEGF-0.75G
CEGM-1.0	CEGF-1.0G
CEGM-1.5	CEGF-1.5G
CEGM-2.5	CEGF-2.5G
CEGM-4.0	CEGF-4.0G



M F

标示 Identification	线规 Wire gague		剥线长度 Stripping length
no groove	0.14–0.37 mm 2	AWG 26–22	7.5mm
no groove	0.5 mm 2	AWG 20	7.5mm
1 groove	0.75 mm 2	AWG 18	7.5mm
1 groove	1 mm 2	AWG 18	7.5mm
2 groove	1.5 mm 2	AWG 16	7.5mm
3 groove	2.5 mm 2	AWG 14	7.5mm
wide groove	3 mm 2	AWG 12	7.5mm
no groove	4 mm 2	AWG 12	7.5mm

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冷插针部分 / Cold Pin Part

CE ROHS REACH

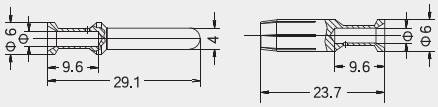
40A 冷压接插针 (适用于 HM,HK 等插芯)
40A Crimp contacts (for HM,HK inserts)

接触电阻≤ 0.3mΩ Contact resistance ≤ 0.3mΩ

镀银
silver plated

镀金
gold plated

公 Male	母 Female
CCSM-1.5	CCSF-1.5
CCSM-2.5	CCSF-2.5
CCSM-4.0	CCSF-4.0
CCSM-6.0	CCSF-6.0
CCSM-10.0	CCSF-10.0
CCGM-1.5	CCGF-1.5
CCGM-2.5	CCGF-2.5
CCGM-4.0	CCGF-4.0
CCGM-6.0	CCGF-6.0
CCGM-10.0	CCGF-10.0



M F

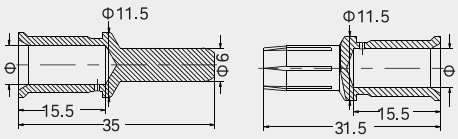
线规 Wire gague		Φ	剥线长度 Stripping length
1.5 mm 2	AWG 16	1.75	9 mm
2.5mm 2	AWG 14	2.25	9 mm
4 mm 2	AWG 12	2.85	9.6 mm
6 mm 2	AWG 10	3.5	9.6 mm
10 mm 2	AWG 8	4.3	15 mm

70A 冷压接插针 (适用于 HM 等插芯)
70A Crimp contacts (for HM inserts)

接触电阻≤ 0.5mΩ Contact resistance ≤ 0.5mΩ

镀银
silver plated

公 Male	母 Female
CKSM70-10	CKSF70-10
CKSM70-16	CKSF70-16
CKSM70-25	CKSF70-25



M F

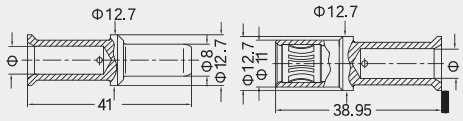
线规 Wire gague	Φ	剥线长度 Stripping length
10 mm 2	4.3	15.5 mm
16mm 2	5.5	15.5 mm
25 mm 2	7	15.5 mm
电缆绞线依据 IEC 60 228-5		

100A 冷压接插针 (采用冠簧接触)(适用于 HM,HK 插芯)
100A Crimp contacts (with crown contact) (for HM,HK inserts)

接触电阻≤ 0.3mΩ Contact resistance ≤ 0.3mΩ

镀银
silver plated

公 Male	母 Female
CKSM-10	CKSF-10G
CKSM-16	CKSF-16G
CKSM-25	CKSF-25G
CKSM-35	CKSF-35G
	开槽结构 Slot structure
	CKSF-10
	CKSF-16
	CKSF-25
	CKSF-35



M F

线规 Wire gague	Φ	剥线长度 Stripping length
10 mm 2	4.3	19 mm
16mm 2	5.5	19 mm
25 mm 2	7	19 mm
35 mm 2	8.2	16 mm
电缆绞线依据 IEC 60 228-5		

冷插针部分 / Cold Pin Part

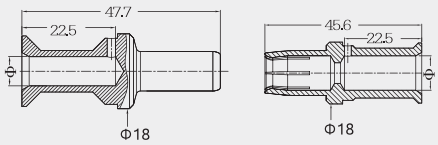
CE ROHS REACH

200A 冷压接插针（适用于 HM 插芯）
200A Crimp contacts (for HM inserts)

接触电阻≤ 0.3mΩ Contact resistance ≤ 0.3mΩ

镀银
silver plated

公 Male	母 Female
CHSM200-25	CHSF200-25
CHSM200-35	CHSF200-35
CHSM200-50	CHSF200-50
CHSM200-70	CHSF200-70



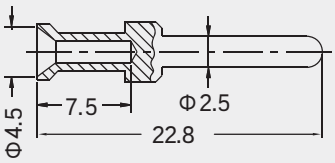
M F

导线截面 Wire gauge	Φ	剥线长度 Stripping length
25 mm²	7	22.5 mm
35 mm²	8.2	22.5 mm
50 mm²	10	22.5 mm
70 mm²	11.5	22.5 mm
电缆绞线依据 IEC 60 228–5–		

保险延迟针
Relay contact

镀银
silver plated

线规 (mm²)Wire gauge(mm²)	型号 Designation
1.0	CESM-1.0R
1.5	CESM-1.5R
2.5	CESM-2.5R



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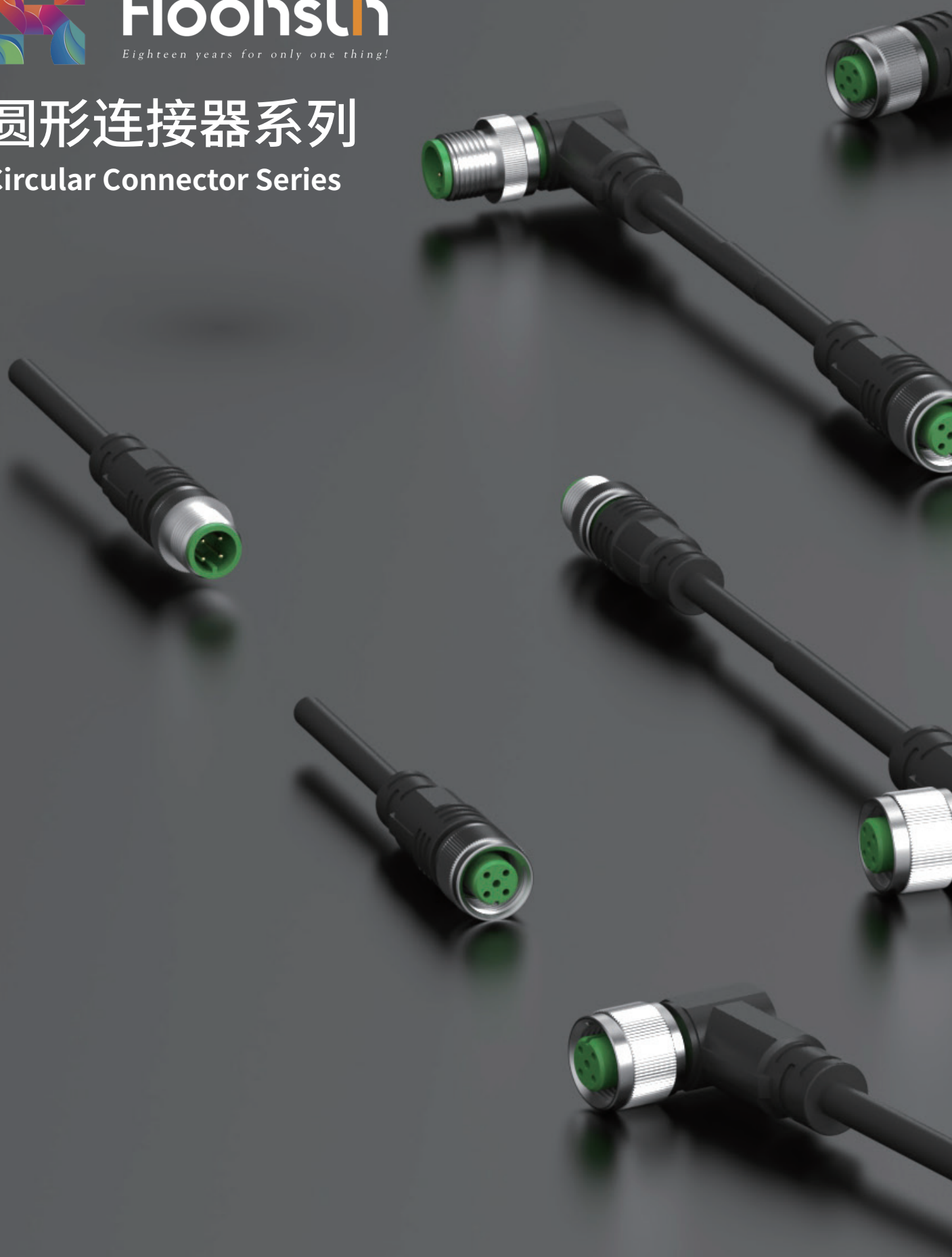
圆形连接器系列

Circular Connector Series



CE IP67

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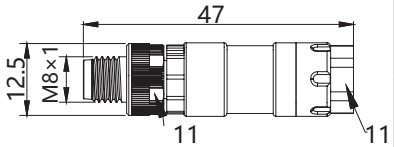
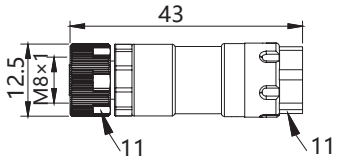
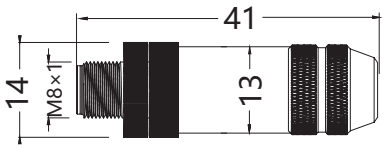
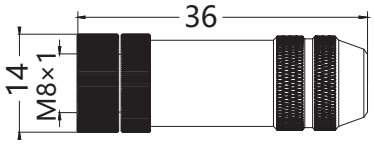
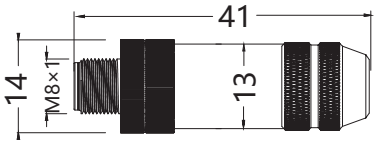
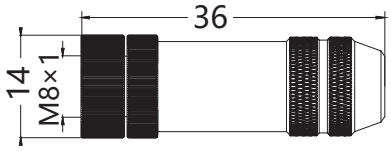
M8 连接器 M8 Connector

CE IP67

现场接线
Field-wireable

螺钉压接
Screw terminals

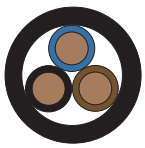
产品图 Product Diagram	产品尺寸 Product Dimensions	规格型号 Specifications And Models	孔位定义 Hole Position Definition
		M8-M03T	
		M8-M04T	
		M8-F03T	
		M8-F04T	
屏蔽 Shield		M8P-M03T	
屏蔽 Shield		M8P-F03T	
屏蔽 Shield		M8P-M04T	
屏蔽 Shield		M8P-F04T	

规格型号 Product Diagram	3 芯	4 芯

可根据使用环境因素，定制线缆长度及材质，如耐高低温，强酸碱等恶劣环境
According to the use of environmental factors, the cable length and material can be customized, such as high and low temperature resistance, strong acid and alkali and other harsh environments

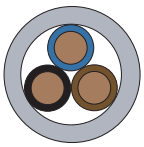
额定电压 Rated Voltage	额定电流 Current Rating	压线方式 Crimping Method	防护等级 Ingress Protection	环境温度 Ambient Temperature	压接范围 Crimp Range	电缆出线直径 Cable Outlet Diameter
60V AC/DC	MAX.4A	螺钉压接	IP65	-25~+85°C	0.14~0.5mm2	3.5~5.0mm

可选配线缆：



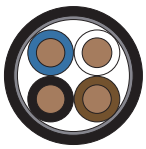
黑色/BK

	下单型号：
PVC3芯黑色线	PVC3C0.25.BK
PUR3芯黑色线	PUR3C0.25.BK
拖链3芯黑色线	TL3C0.25.BK



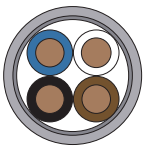
灰色/GY

	下单型号：
PVC3芯灰色线	PVC3C0.25.GY
PUR3芯灰色线	PUR3C0.25.GY
拖链3芯灰色线	TL3C0.25.GY



黑色/BK

	下单型号：
PVC4芯屏蔽黑色线P	VC4C0.25P.BK
PUR4芯屏蔽黑色线	PUR4C0.25P.BK
拖链4芯屏蔽黑色线	TL4C0.25P.BK



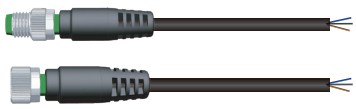
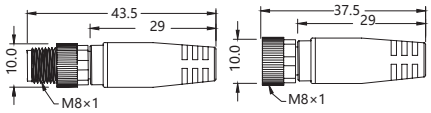
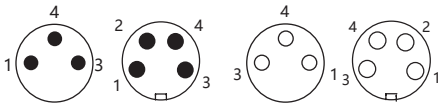
灰色/GY

	下单型号：
PVC4芯屏蔽灰色线	PVC4C0.25P.GY
PUR4芯屏蔽灰色线	PUR4C0.25P.GY
拖链4芯屏蔽灰色线	TL4C0.25P.GY

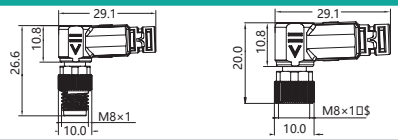
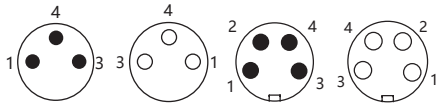
M8 连接器线束 M8 Connector harness

CE IP67

单端预铸线束
With open ended wires

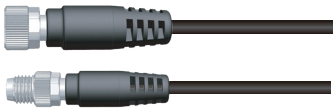
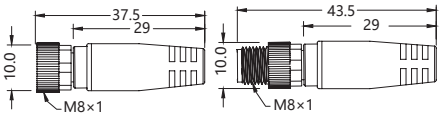
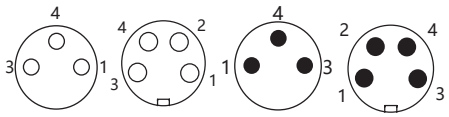
产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

单端预铸线束
With open ended wires

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

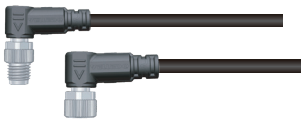
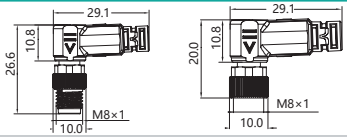
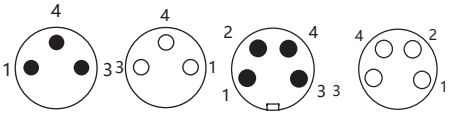
单端预铸线束
With open ended wires

屏蔽
Shield

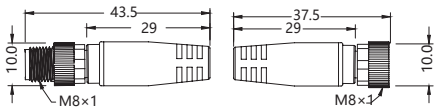
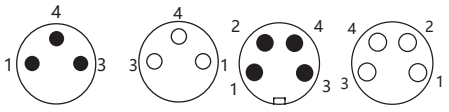
产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

单端预铸线束
With open ended wires

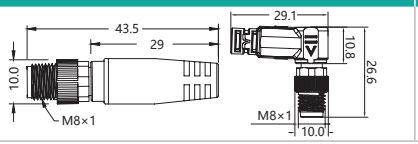
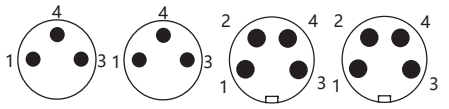
屏蔽
Shield

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

双端预铸线束
Double end pre cast wire harness

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

双端预铸线束
Double end pre cast wire harness

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

可根据使用环境因素，定制线缆长度及材质，如耐高低温，强酸碱等恶劣环境
According to the use of environmental factors, the cable length and material can be customized, such as high and low temperature resistance, strong acid and alkali and other harsh environments

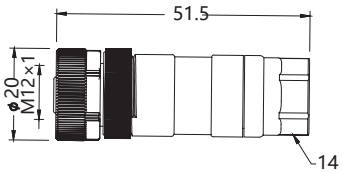
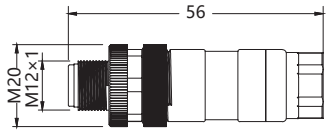
额定电压 Rated Voltage	线缆规格 Cable Specifications	防护等级符合 IEC 60529 标准 The degree of protection is according to IEC 60529	环境温度 Ambient Temperature
60 V DC±25%	3*0.25mm² 4*0.25mm²	IP67	-25~+85°C

M12 连接器 M12 Connector

CE IP67

现场接线
Field-wireable

螺钉压接
Screw terminals

产品图 Product Diagram	产品尺寸 Product Dimensions	规格型号 Specifications And Models	孔位定义 Hole Position Definition
		M12-F03T	
		M12-F04T	
		M12-F05T	
		M12-F08T	
		M12-M03T	
		M12-M04T	
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	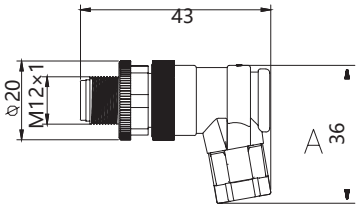	M12-M03S	
		M12-M04S	
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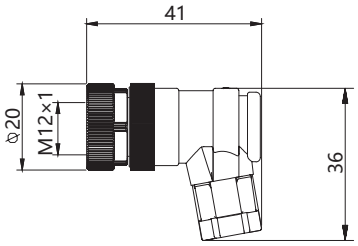
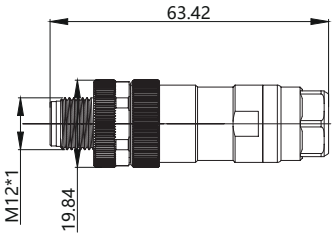
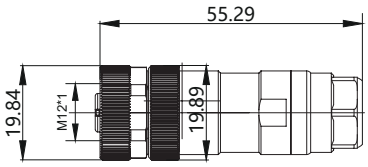
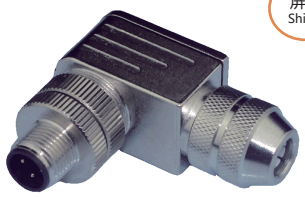
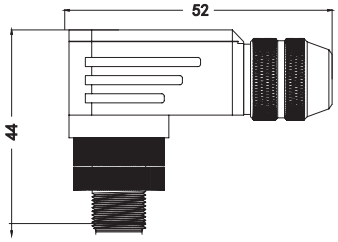
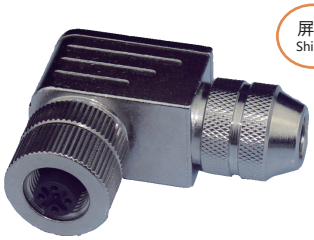
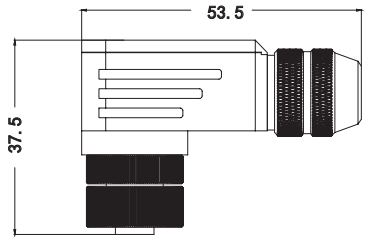
		M12-M08S	
		M12-F03S	
		M12-F04S	
		M12-F05S	
		M12-F08S	
		M12P-M03T	
		M12P-M04T	
		M12P-M05T	
		M12P-M08T	

M12 连接器 M12 Connector

CE IP67

现场接线
Field-wireable

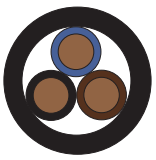
螺钉压接
Screw terminals

产品图 Product Diagram	产品尺寸 Product Dimensions	规格型号 Specifications And Models	孔位定义 Hole Position Definition
		M12P-F03T	
		M12P-F04T	
		M12P-F05T	
		M12P-F08T	
		M12P-M03S	
		M12P-M04S	
		M12P-M05S	
		M12P-M08S	
		M12P-F03S	
		M12P-F04S	
		M12P-F05S	
		M12P-F08S	

规格型号 /Product Diagram	3 芯	4 芯	5 芯	8 芯
额定电压 /RatedVoltage	250V AC/DC	250V AC/DC	125V AC/DC	60V AC/DC
额定电流 /Current Rating	MAX.4A	MAX.4A	MAX.4A	MAX.4A
压线范围 /Crimping Method	最大 MAX.0.75mm	最大 MAX.0.75mm	最大 MAX.0.75mm	最大 MAX.0.75mm
防护等级 /Ingress Protection	IP65	IP65	IP65	IP65
环境温度 /Ambient Temperature	-25~+85°C	-25~+85°C	-25~+85°C	-25~+85°C
外壳材料 /Housing Material	阻燃塑料	阻燃塑料	阻燃塑料	阻燃塑料

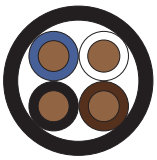
可根据使用环境因素，定制线缆长度及材质，如耐高低温，强酸碱等恶劣环境
According to the use of environmental factors, the cable length and material can be customized, such as high and low temperature resistance, strong acid and alkali and other harsh environments

可选配线缆：



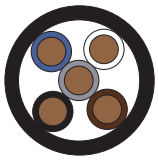
黑色/BK

屏蔽	下单型号：非屏蔽
PVC3C0.34P.BK	PVC3C0.34.BK
PUR3C0.34P.BK	PUR3C0.34.BK
TL3C0.34P.BK	TL3C0.34.BK



黑色/BK

屏蔽	下单型号：非屏蔽
PVC4C0.34P.BK	PVC4C0.34.BK
PUR4C0.34P.BK	PUR4C0.34.BK
TL4C0.34P.BK	TL4C0.34.BK



黑色/BK

屏蔽	下单型号：非屏蔽
PVC5C0.34P.BK	PVC5C0.34.BK
PUR5C0.34P.BK	PUR5C0.34.BK
TL5C0.34P.BK	TL5C0.34.BK

黑色/BK

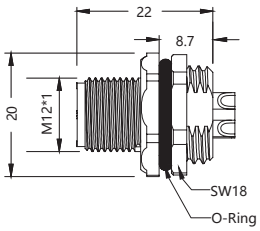
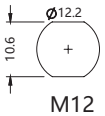
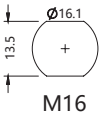
屏蔽	下单型号：非屏蔽
PVC8C0.25P.BK	PVC8C0.25.BK
PUR8C0.25P.BK	PUR8C0.25.BK
TL8C0.25P.BK	TL8C0.25.BK

Hoonsun
Eighteen years for only one thing!

M12 连接器 M12 Connector

CE IP67

板前安装
Front install

产品图 Product Diagram	产品尺寸 ProductDimensions	开孔图 Open diagram	规格型号 Specifications And Models	孔位定义 Hole Position Definition
		 	ZJQ-M12-M03(M12) ZJQ-M12-M03(M16)	
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	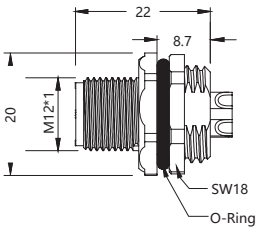	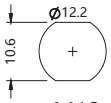 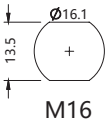	ZJQ-M12-M12(M12) ZJQ-M12-M12(M16)	
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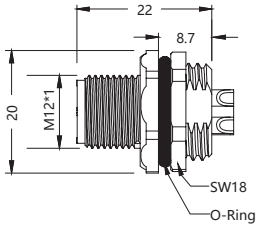
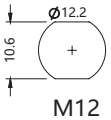
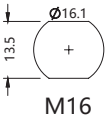
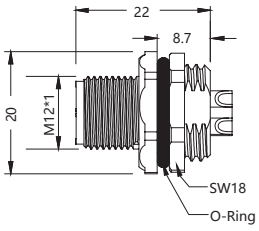
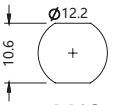
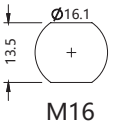
		 	ZJQ-M12-M12(M12) ZJQ-M12-M12(M16)	
		 	ZJQ-M12-F03(M12) ZJQ-M12-F03(M16)	
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	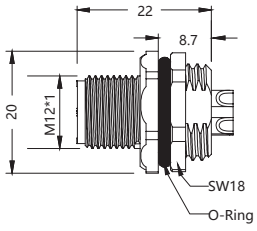	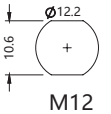 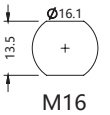	ZJQ-M12-F05(M12) ZJQ-M12-F05(M16)	
			ZJQ-M12-F08(M12) ZJQ-M12-F08(M16)	

M12 连接器 M12 Connector

CE IP67

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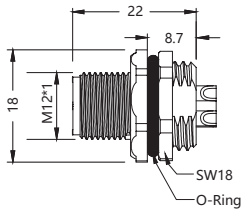
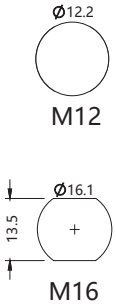
产品图 Product Diagram	产品尺寸 ProductDimensions	开孔图 Open diagram	规格型号 Specifications And Models	孔位定义 Hole Position Definition
			ZJH-M12-M03(M12)	
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	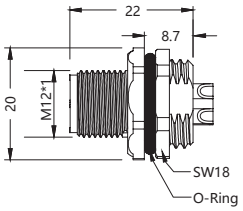	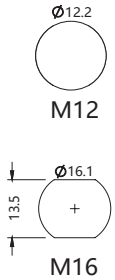	ZJH-M12-M05(M12) ZJH-M12-M05(M16)	
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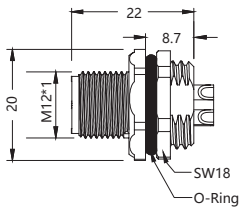
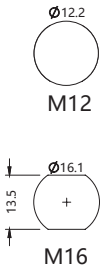
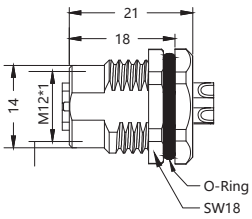
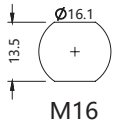
			ZJH-M12-M12(M12) ZJH-M12-M12(M16)	
			ZJH-M12-F03(M16)	
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	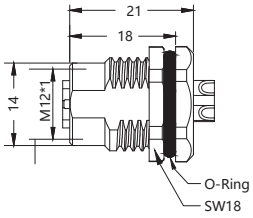	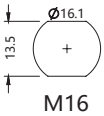	ZJH-M12-F05(M16)	
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M12 连接器 M12 Connector

CE IP67

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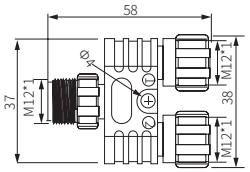
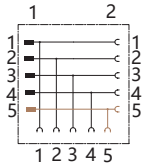
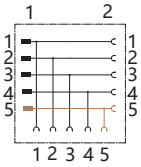
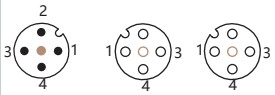
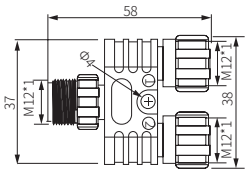
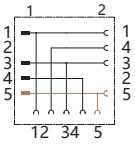
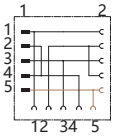
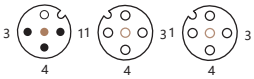
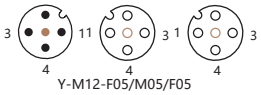
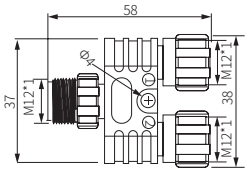
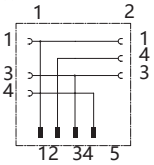
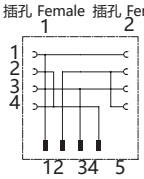
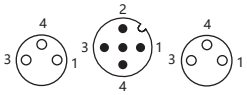
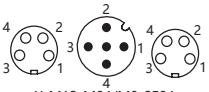
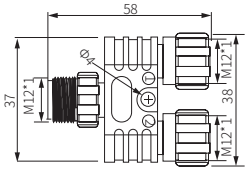
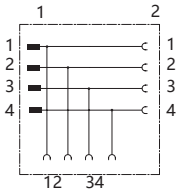
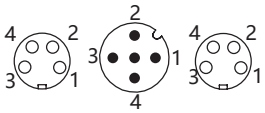
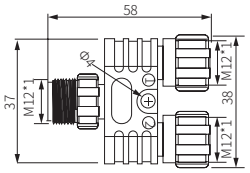
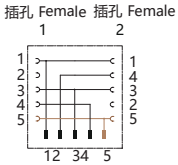
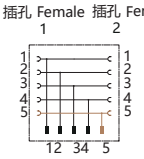
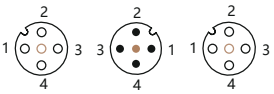
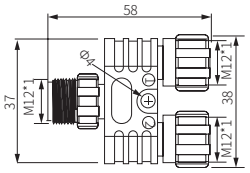
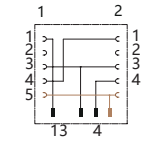
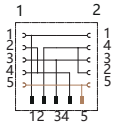
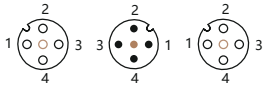
Front install

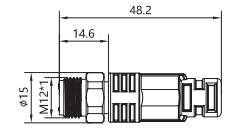
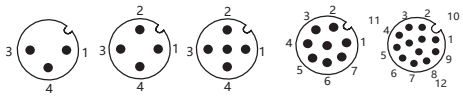
产品图 Product Diagram	产品尺寸 ProductDimensions	接线图 / 规格型号 Wiring diagrams/specifications	接线图 / 规格型号 Wiring diagrams/specifications	孔位定义 Hole Position Definition
		插针 Male 插孔 Female  Y-M12-F05/M04/F04B Y-M12-F04/M03/F03B	插针 Male 插孔 Female  Y-M12-F05/M05/F05B Y-M12-F04/M04/F04B	 Y-M12-F05/M04/F04B Y-M12-F04/M03/F03B Y-M12-F05/M05/F05B Y-M12-F04/M04/F04B
		插针 Male 插孔 Female  Y-M12-F05/M04/ F04Y-M12-F04/M03/ F03	插针 Male 插孔 Female  Y-M12-F05/M05/F05 Y-M12-F04/M04/F04	 Y-M12-F05/M04/F04 Y-M12-F04/M03/F03  Y-M12-F05/M05/F05 Y-M12-F04/M04/F04
		插孔 Female 插孔 Female  Y-M12-M04/M8-2F03	插孔 Female 插孔 Female  Y-M12-M04/M8-2F04	 Y-M12-M04/M8-2F03  Y-M12-M04/M8-2F04
		插针 Male 插孔 Female 		 Y-M12-M04/M08-2F04B
		插孔 Female 插孔 Female  Y-M12-M05/2F04C Y-M12-M04/2F03C	插孔 Female 插孔 Female  Y-M12-M05/ 2F05BY-M12-M04/ 2F04B	 Y-M12-M05/2F04C Y-M12-M04/2F03C Y-M12-M05/2F05B Y-M12-M04/2F04B
		插孔 Female 插孔 Female  Y-M12-M04/2F04D Y-M12-M03/2F03D	插孔 Female 插孔 Female  Y-M12-M05/ 2F05AY-M12-M04/ 2F04A	 Y-M12-M04/2F04D Y-M12-M03/2F03D Y-M12-M05/2F05A Y-M12-M04/2F04A

额定电压 Rated Voltage	额定电流 Current Rating	防护等级 Ingress Protection	环境温度 Ambient Temperature
60V AC/DC	MAX.4A	IP67	-25~+85°C

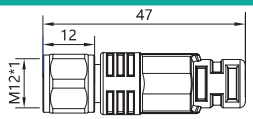
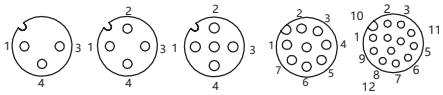
M12 连接器 M12 Connector

CE IP67

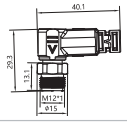
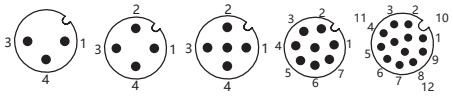
单端预铸线束
With open ended wires

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

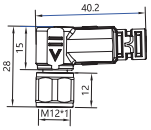
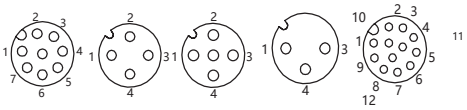
单端预铸线束
With open ended wires

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

单端预铸线束
With open ended wires

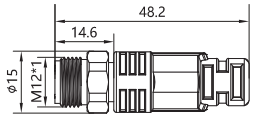
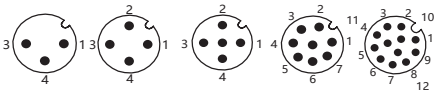
产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

单端预铸线束
With open ended wires

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

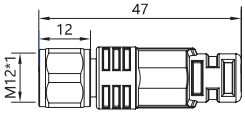
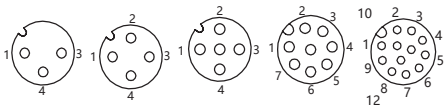
单端预铸线束
With open ended wires

屏蔽 Shield

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

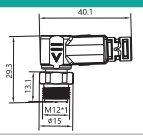
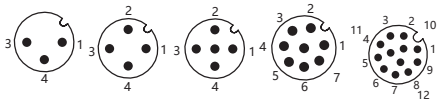
单端预铸线束
With open ended wires

屏蔽 Shield

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

单端预铸线束
With open ended wires

屏蔽 Shield

产品图 Product Diagram	产品尺寸 Product Dimensions	孔位定义 Hole Position Definition
		

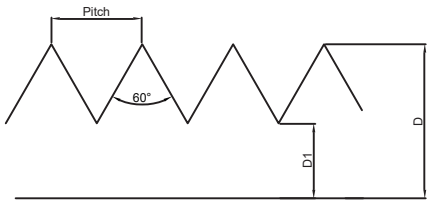
可根据使用环境因素，定制线缆长度及材质，如耐高低温，强酸碱等恶劣环境
According to the use of environmental factors, the cable length and material can be customized, such as high and low temperature resistance, strong acid and alkali and other harsh environments

线缆规格 Rated Voltage	防护等级 Ingress Protection	环境温度 Ambient Temperature
N*0.34mm²(3,4,5 芯) N*0.25mm²(8 芯)	IP67	3.5~5.0mm

International Protection,EN 60529

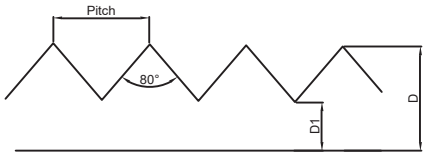
1.Code		2.Code	Protection of water	Non-protected	Protection against dripping water	Protection against vertically falling water drop when device istilted up to 15°	Water sprayed at an angle up 60° on either side of the vertical shall have no harmful effects	Water splashed from any direction shall have to harmful effects	Water projected in Powerful jest from any direction shall have no harmful effects	Water projected in Powerful jest from any direction shall have no harmful effects	Protection against temporary submersion	Protection against permanent submersion
Protection against human access to hazardous parts	Protetion of equipment against penetration of solid foreign objects			IPx0	IPx1	IPx2	IPx3	IPx4	IPx5	IPx6	IPx7	IPx8
Non-protected	Non-protected	IP0x		IP00								
Protected against access to hazardous parts with the back of the hand	Protected against solid foreign objects larger in diameter tnan 50mm	IP1x		IP10	IP11	IP12						
Protected against access to hazardous parts with a finger	Protected against solid foreign objects larger in diameter than 12,5mm	IP2x		IP20	IP21	IP22	IP23					
Protectiong against access to hazardous parts with a tool larger in diameter than 25mm	Protected against solid foreign objects larger in diameter than 2,5mm	IP3x		IP30	IP31	IP32	IP33	IP34				
Protected against access to hazardous parts with a wire larger in diameter than 1,0mm	Protected against solid foreign objects larger in diameter than 1mm	IP4x		IP40	IP41	IP42	IP43	IP44				
Protected against access to hazardous parts with a wire larger in diameter than 1,0mm	Prevevents penetration of dust sufficient to cause damage inside the equipment	IP5x		IP50	IP51	IP52	IP53	IP54	IP55			
Protected against access to hazardous parts with a wire larger in diameter than 1,0mm	Dust proof	IP6x		IP60	IP61	IP62	IP63	IP64	IP65	IP66	IP67	IP68

M 公制螺纹
螺纹代号 M，牙型角 60°，基本牙型为平顶
Metric ISO Thread Specifications



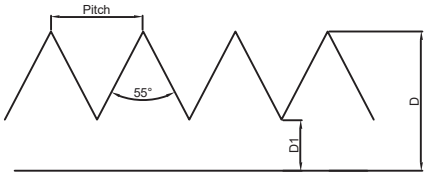
尺寸 Size	螺距 Pitch	外径 D Outside	内径 D1 Inside
M8×1	1.0	8	6.5
M10×1	1.0	10	8.5
M12×1.5	1.5	12	10.5
M20×1.5	1.5	20	18.5
M25×1.5	1.5	25	23.5
M32×1.5	1.5	32	30.5
M40×1.5	1.5	40	38.5
M50×1.5	1.5	50	48.5
M63×1.5	1.5	63	61.5
M72×2	2.0	72	70

PG 德制螺纹
螺纹代号 PG，牙型角 80°，基本牙型为平顶。
PG Thread Specifications



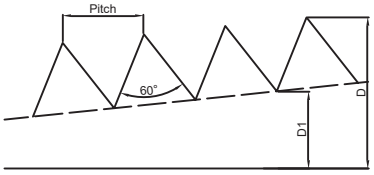
尺寸 Size	螺距 Pitch	外径 D Outside	内径 D1 Inside
PG7	1.270	12.50	11.28
PG9	1.410	15.20	13.86
PG11	1.410	18.60	17.26
PG13.5	1.410	20.40	19.06
PG16	1.410	22.50	21.16
PG21	1.588	28.30	26.78
PG29	1.588	37.00	35.48
PG36	1.588	47.00	45.48
PG42	1.588	54.00	52.48
PG48	1.588	59.30	57.78

G 圆柱管螺纹
螺纹代号 G，牙型角 55°，基本牙型为圆顶圆底
British G（PF）Thread Specifications



尺寸 Size	螺距 Pitch	外径 D Outside	内径 D1 Inside
G1/4	1.337	13.157	11.445
G3/8	1.337	16.662	14.950
G1/2	1.814	20.955	18.631
G3/4	1.814	26.441	24.117
G1	2.309	33.249	30.910
G1 1/4	2.309	41.910	38.952
G1 1/2	2.309	47.803	44.845
G2	2.309	59.614	56.656

NPT 圆锥管螺纹
螺纹代号 NPT，牙型角 60°，基本牙型为平顶，锥度 1：16
NPT Thread Specifications



尺寸 Size	螺距 Pitch	外径 D Outside	内径 D1 Inside
NPT1/4	1.337	13.157	11.445
NPT3/8	1.337	16.662	14.950
NPT1/2	1.814	20.955	18.631
NPT3/4	1.814	26.441	24.117
NPT1	2.309	33.249	30.910
NPT1 1/4	2.309	41.910	38.952
NPT1 1/2	2.309	47.803	44.845
NPT2	2.309	59.614	56.656

各种金属材料特性与表面处理

Properties and Surface Treatment for Various Metal Material

名称牌号		材料特性	应用
尼龙	PA6	根据产品的特性要求添加玻纤含量在 5-60% 的范围，这类材料具有很好的强度、耐热性能、优良的抗冲击性能、良好的尺寸稳定性及低翘曲性等。	广泛应用于机械、仪器仪表、电子电气、铁路、家电、通讯等电气工程
	PA66	具有优良的耐磨性、自润滑性，机械强度较高。	
	PA6/PA66+GF	根据产品的特性要求添加玻纤含量在 5-60% 的范围，这类材料具有很好的强度、耐热性能、优良的抗冲击性能、良好的尺寸稳定性及低翘曲性等。	
黄铜	H59	黄铜的机械性能与其含锌量有关；H59 黄铜耐腐蚀能力较好；具有高强度、硬度以及良好的塑性，对于一般的腐蚀有良好的稳定性。	广泛应用于轻工农业、仪器、仪表中，在电气工程领域中使用较多。(表面镀镍处理，能提高产品的防腐蚀性能)
铝	6061-T6	具有加工性能极佳、优良的焊接特点及电镀性、良好的抗腐蚀性、韧性高及加工后不变形、材料致密无缺陷及易于抛光、上色膜容易、氧化效果极佳等优良特点。	6061 铝其用途包括：航天固定装置、电器固定装置、光伏、通讯领域，也广泛应用于自动化机械零件、精密加工。

表面处理 --- 黄铜镀镍说明：

1. 电镀是利用电源能将镍阳离子转换成金属镍沉积在阳极上；黄铜镀镍是利用化学还原的方法，将镍阳离子还原成金属镍并沉积在基体（黄铜）表面上，赋予制品特殊的表面特性。例如：赋予制品多种色彩、较强的耐腐蚀性 / 耐磨性，镀层结晶细致、平滑光亮、内应力小，导电性能极佳。
2. 化学电镀是采用金属盐和还原剂，在材料表面上发生自催化反应获得镀层；黄铜镀镍是利用还原剂在活化零件（黄铜）表面上自催化还原沉积得到镀层。化学镀镍制品的主要特点是：镀层厚度均匀，致密性好、镀层附着力强、深度能力强、抗腐蚀性好。

浙江鸿祥连接器有限公司可以为您提供两种镀镍形式 :1 电镀、2 化学镀镍

备注：化学镀镍仿真能力强，能在复杂零件表面沉积，深度能力强，镀层厚度比电镀厚，镀层烧氢后无起皮、镍泡等缺陷，同时由于化学镀镍速度较慢，对未镀产品表面处理要求较高，成本相对电镀较高。

Name		Properties of Materials	Application
PA	PA6	Properties-glass fiber will be added in the range of 5-60%,depending on the requirement of the product.This material has very good strength,heat resistance,excellent shock resistance,good dimensional stable and low warping,etc.	Widely used in machinery,instruments and meters,electrical and electronic products,railroad,home appliances,communications etc.
	PA66	It has excellent wear resistance,self-lubrication,high mechanical strength.	
	PA6/PA66+GF	Properties-glass fiber will be added in the range of 5-60%,depending on the requirement of the product.This material has very good strength,heat resistance,excellent shock resistance,good dimensional stable and low warping,etc.	
Brass	H59	The mechanical properties of brass are due to its zinc content;H59 brass has good corrosion resistant ability,high strength,hardness and good plasticity and good stability for general corrosion.	Widely used in light industry,instruments and meters. Frequently used in the field of electrical engineering. (Nickel plating of the surface treatment can improve the corrosion resistance performance of the product)
Aluminium	6061-T6	6061 aluminum has excellent processing performance,excellent welding and electroplating characteristics,good corrosion resistance,high toughness,no deformation after processing,it is a dense material without defect,easy polishing,easy coloring film and good oxidation effects.	The application of 6061 aluminum includes:fixing devices for aerospace and electrical appliances,photovoltaic and communications areas.It is also widely used in automated machinery parts,precision machining,and so on.

Surface treatment - notes for nickel plated brass:

1.The electroplating is a process that uses electric current to transform Nickel cation into metal nickel deposition on the anode;Nickel-plated brass is a process that uses chemical reduction to reduce Nickel cations into metal nickel deposition on the surface of the substrate（brass）,giving the special surface properties to the products.For example:giving products a variety of colors,strong corrosion resistance/wear resistance,exquisite crystallization on coating,smooth and bright,small internal stress and good electroconductivity.

2.The electroless plating is a process that uses metal-salt and reducing agent to produce autocatalytic reaction on the material surface in order to obtain coating;Nickel-plated brass is a process that uses reducing agent to produce autocatalytic reduction deposition on activation parts (brass) surface in order to obtain coating.The main Properties of electroless nickel plated products are:well-distributed coating thickness,good compactness,coating adhesion,and plating depth capability.

Zhejiang Hongxiang Connector Co., Ltd can provide you two kinds of nickel plating methods:1.Electroplating、2.Electroless nickel plating

Note:Electroless nickel plating is much stronger by comparison.It bonds with the surface of complex parts,with strong depth capability,thicker coating than electroplating,no defects on the coating such as peeling,or nickel bubbling after the hydrogen burning.However,due to the slow speed,electroless nickel plating requires a better surface treatment of unplated products.So its cost is relatively higher than electroplating.

名称牌号	材料特性	应用
NBR 丁腈橡胶	丁腈橡胶是由丁二烯和丙烯腈橡胶经乳液聚合得的，丁腈橡胶主要采用低温乳液聚合法生产，耐油性极好，耐磨性较高，粘接力强。其缺点是耐低温性差、耐臭氧性差，电性能低劣，弹性稍低。	丁腈橡胶主要用于制造耐油制品，如耐油管、胶带等，常用于制造各类耐油模压制品，如O形圈、油封、也用于制造胶板和耐磨零件。
EPDM 三元乙丙橡胶	三元乙丙橡胶最主要的特性就是其优越的耐氧化、抗臭氧和抗侵蚀的能力。耐老化性能非常好、耐氧候性好、电线绝缘性能好、冲击弹性较好。	主要应用于要求耐老化、耐水、耐腐蚀、电气绝缘的领域，如用于轮胎的浅色胎侧、汽车内胎、电缆、电线、门窗密封条、家用电器配件等。
硅橡胶	1. 高温性能：在 200°C以上的高温环境下，硅橡胶仍能保持一定的柔韧性、回弹性和表面硬度，且力学性能无明显变化。 2. 低温性能：硅橡胶的玻璃化温度为 -70~-50°C，特殊配方可达到 -100°C。 3. 电气性能：硅橡胶具有优异的绝缘性能，耐电晕性和耐电弧性好。 4. 物流机械性能：硅橡胶常温下的物理机械性能比通用橡胶差，但在 150°C的高温和 -50°C的低温下，其物理机械性能优于通用橡胶。 5. 耐油及化学试剂性：普通硅橡胶具有中等的耐油、耐溶剂性能。	硅橡胶密封件在极限温度及压力下，有良好的适用性。
氟橡胶	1. 化学稳定性：氟橡胶具有高度的化学稳定性。26 型氟橡胶耐石油基油类、双酯类油、硅醚类油、硅酸类油，耐无机酸，耐多数的有机酸、无极溶剂、药品等。 2. 耐高温性优异：氟橡胶的耐高温性能和硅橡胶一样，26 型氟橡在 250°C下可长期使用。 3. 耐老化性能好：26 型氟橡胶具有极好的耐天候老化性能，耐臭氧性能。在自然存放十年之后性能仍然令人满意。 4. 真空性能极佳：26 型氟橡胶具有极好的真空性能。 5. 机械性能优良：26 型氟橡胶在高温下的压缩永久变形小，在 150°C下的同等时间的压缩永久变形来比较，丁腈橡胶和氯丁橡胶均比 26 型氟橡胶要大。 6. 透气性小：26 型氟橡胶在 30°C下对于氧、氮、氦、二氧化碳气体的透气性和丁腈橡胶相当，比氯丁橡胶要好。	垫圈使用：能耐油井酸气，胺基类化合物等多种高浓度强腐蚀性介质应用于化工场所，航天航空的控制和燃料系统的航空液压油、喷气燃料、高温润滑油的密封。应用领域：航天航空、化工、油田、半导体制造。

Name	properties of Materials	Application
NBR	This sealing ring is black and made from nitrile rubber.It has excellent oil resistance.Good physical properties.However,the NBR lip seal should not be used where there is a risk of temperatures above 80°C .NBR is not resistance to solvents,also the flexibility is not good.	Nitrile rubber is commonly used in the manufacture of various oil-resistant molded products, such as O-ring, Oil seal and Rubber or other wear-resistance parts.
EPDM	This sealing ring is made of ethylene propylene diene monomer.The most important feature is its superior resistance to oxidation, ozone and erosion. Anti-aging performance, wire insulation and impact elasticity are very good	Mainly used for aging resistance, water reistance, corrosion resistance, electric insulation field. such as automobile inner tube, cable wire, household electrical accessories, etc.
Silicone	1.High temperature:200°C high temperature environment,silicone rubber can still maintain a certain degree of flexibility,elasticity and hardness,and no significant changes in mechanical properties. 2.Low temperature:silicone rubber glass transition temperature -70~-50°C ,special formulations could reach -100°C . 3.Electrical performance:silicone rubber has excellent insulating properties,corona resistance and good arc resistance. 4.Physical and mechanical properties:mechanical properties of silicone rubber is not as good as common rubber at normal temperature,But it's much better than common rubber at 150°C high temperature and the low temperature of -50°C . 5.Oil and chemical resistance:ordinary silicone is with moderate oil resistance and solvent resistance.	Excellent high and low temperature properties.Fair physical properties.
FKM/FPM/VITON	1.Chemical stability:FPM has good chemical stability.26 fluoro rubber resistant to petroleum base oils and diester oils,silicon oil silicate,inorganic acid-resistant,resistant to most organic and inorganic solvents,chemicals,etc. 2.Excellent temperature resistance:Just like silicone rubber,26 FPM can be used for a long time in 250°C high temperature. 3.26 FPM has excellent resistance to aging,and ozone-resistant properties.The performance remains satisfactory after storage for ten years. 4.26 FPM has excellent vacuum performance. 5.It has good mechanical properties:26 FPM will deform permanently at under 150°C compared with 26 FPM,the deformation of Nitrile rubber and neoprene are larger. 6.Moderate Permeability:Permeability of 26 FPM for oxygen,nitrogen,helium,carbon dioxide gas is nearly same as that of nitrile-butadiene rubber at 30°C ,but better than that neoprene.	FPM washer is mainly used in oil acid,amino compounds and other places with a high concentration of corrosive media.It is used in the chemical industry,aviation aerospace control and fuel systems hydraulic oil,jet fuel and high temperature lubricating oil sealing.Also used by aerospace,chemical,oil,semicond uctor manufacturing.