



倍仕得电气科技(杭州)股份有限公司
BEISIT ELECTRIC TECH (HANGZHOU) CO.,LTD.

倍仕得电气科技(杭州)股份有限公司
BEISIT ELECTRIC TECH (HANGZHOU) CO.,LTD.

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Photovoltaic Energy Storage Connector Selection 光伏储能系统连接器选型



微信公众号



官网



抖音

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BCP0223

HANGZHOU • CHINA

倍仕得园区鸟瞰图
Beisit factory Aeroview



产品合集
Product Collection



做人，把人品做好。
做企业，把产品做好。

董事长： 常乐

品牌解析
Brand Definition



"I" stands for "Integrity 诚信"

"I" stands for "International 国际"

"BEST": Best 最好

做诚信的国际企业，以更好的品质服务客户
Functions as an international company of high integrity whose misson
is to provide customer with finest products and services

倍仕得

倍：即多，广聚英才；加倍，业精于勤；倍增，高效发展
pronounced as "bei", means “more”, gathering more talents;mastery of work comes from more diligence; developing with high efficiency.
仕：人才，德才兼备；仕途，个人和企业前景光明
pronounced as "shi", means“talents”, a person with ability and integrity; Both enterprise and individual should have a bright future,
indicating the idea of people-oriented.
得：拥有，拥有更高价值
pronounced as "de",means “possess”, to create and possess higher value.

广聚英才，共创美好未来
Gather a large number of talents, and create a glorious future

企业认证
Company Certifications



信息化系统
Information System



高效快捷的信息化系统
Efficient and effective MES information system





倍仕得使命：为全球工业提供最可靠的连接器产品
Mission: To supply the most reliable connectors for global industry.

客户价值观：敬畏客户；为客户创造独特价值的决心不动摇
Customer Value: Revere clients; Never waver in determination to create unique value for our clients.

品质价值观：品质如命，只有一次；做出100%合格产品的决心不动摇
Quality Value: Quality as life, only once. Never waver in determination to produce 100% qualified products.



连接世界 · 连接未来

电连接器系列 Electrical connector series

- 01 电连接器系列
 - > Electrical Connector Series
- 02 产品介绍
 - > Product Introduction
- 03 120A大电流插头(六边形接口、圆形接口)
 - > 120A Large Ampere High Current Plug (Hexagonal Interface, Round Interface)
- 04 120A大电流插座(六边形接口，U型孔、六边形接口，螺纹孔)
 - > 120A High Current Receptacle (Hexagonal Interface, Copper Busbars, Hexagonal Interface, Screw)
- 05 120A大电流插座(六边形接口，螺柱、六边形接口，压接孔)
 - > 120A High Current Receptacle (Hexagonal Interface, Stud, Hexagonal Interface, Crimp)
- 06 120A大电流插座(圆形接口，U型孔、圆形接口，螺纹孔)
 - > 120A High Current Receptacle (Round Interface, Copper Busbar, Round Interface, Screw)
- 07 120A大电流插座(圆形接口，螺柱、圆形接口，压接)
 - > 120A High Current Receptacle (Round Interface, Stud, Round Interface, Crimp)
- 08 250A大电流插头(六边形接口、圆形接口)
 - > 250A Large Ampere High Current Plug (Hexagonal Interface, Round Interface)
- 09 250A大电流插座(六边形接口，U型孔、六边形接口，螺纹孔)
 - > 250A High Current Receptacle (Hexagonal Interface, Copper Busbars, Hexagonal Interface, Screw)
- 10 250A大电流插座(六边形接口，螺柱、六边形接口，压接孔)
 - > 250A High Current Receptacle (Hexagonal Interface, Stud, Hexagonal Interface, Crimp)
- 11 250A大电流插座(圆形接口，U型孔、圆形接口，螺纹孔)
 - > 250A High Current Receptacle (Round Interface, Copper Busbars, Round Interface, Screw)
- 12 250A大电流插座(圆形接口，螺柱、圆形接口，压接)
 - > 250A High Current Receptacle (Round Interface, Stud, Round Interface, Crimp)
- 13 350A大电流插头(六边形接口、圆形接口)
 - > 350A Large Ampere High Current Plug (Hexagonal Interface, Round Interface)
- 14 350A大电流插座(六边形接口，U型孔、六边形接口，螺纹孔)
 - > 350A High Current Receptacle (Hexagonal Interface, Copper Busbars, Hexagonal Interface, Screw)
- 15 350A大电流插座(六边形接口，螺柱、六边形接口，压接孔)
 - > 350A High Current Receptacle (Hexagonal Interface, Stud, Hexagonal Interface, Crimp)
- 16 350A大电流插座(圆形接口，U型孔、圆形接口，螺纹孔)
 - > 350A High Current Receptacle (Round Interface, Copper Busbars, Round Interface, Screw)
- 17 350A大电流插座(圆形接口，螺柱、圆形接口，压接)
 - > 350A High Current Receptacle (Round Interface, Stud, Round Interface, Crimp)
- 18 储能端子
 - > Energy Storage Terminals
- 19 浮动式储能连接器（模块化）
 - > Energy Storage Floating Coupler Module
- 20 HM070-002 冷压型模块
 - > Crimp Module 1000V 70A
- 21 HMEHV-006 冷压型模块
 - > Crimp Module 830V 16A
- 22 塑料浮动框架
 - > Plastic floating frame
- 23 浮动式储能连接器
 - > Floating Energy Storage Connector
- 24 RJ45插头/RJ45插座
 - > RJ45 Plug/RJ45 Receptacle
- 25 RJ45带线插座
 - > RJ45 Receptacle With Wire
- 26 穿墙式接线端子
 - > Specification Of Products
- 27 安装作业指导
 - > Installation Operation Guidance
- 28 BST-200A-3PIN 穿墙式接线端子
 - > BST-200A-3PIN Specification Of Wall-Through Terminals
- 29 BST-200A-4PIN 穿墙式接线端子
 - > BST-200A-4PIN Specification Of Wall-Through Terminals
- 30 BST-300A-3P-H 穿墙式接线端子
 - > BST-300A-3P-H Specification Of Wall-Through Terminals
- 31 BST-300A-3PIN 穿墙式接线端子
 - > BST-300A-3PIN Specification Of Wall-Through Terminals
- 32 BST-150A-5PIN 穿墙式接线端子
 - > BST-150A-5PIN Specification Of Wall-Through Terminals
- 33 AC交流连接器
 - > AC Connection

液冷解决方案 Liquid Cooling Solution

- 34 液冷解决方案
 - > Liquid Cooling Solution
- 35 产品介绍
 - > Product Introduction
- 36 液冷快速连接器
 - > Liquid Cooling Quick Connector
- 37 储能液冷整体解决方案
 - > Overall Solution to Liquid Cooling Energy Storage System
- 38 管道参数
 - > Pipe Parameters

液冷解决方案 Liquid Cooling Solution

- 40 产品命名规则
 - > Part Numbers
- 43 技术参数
 - > Technical Parameter
- 44 FB流量曲线
 - > FB Flow Chart
- 45 > PP-8
- 46 > PB-8
- 48 > NV-8
- 49 > NP-10/16
- 50 推拉式流体连接器
 - > PUSH-PULL Type Fluid Connector
- 52 产品命名规则
 - > Part Numbers
- 53 技术参数
 - > Technical Parameter
- 54 PP流量曲线
 - > PP Flow Chart
- 55 > PP-5 / PP-8 / PP-10
- 58 > PP-12 / PP-15
- 60 > PP-17 / PP-20 / PP-25

透气泄压系列 Breathable and Pressure Relief Series

- 63 透气泄压系列
 - > Breathable and Pressure Relief Series
- 64 产品介绍
 - > Product Introduction
- 65 防水透气阀
 - > Ventilation Plug
- 66 金属防水透气阀/尼龙防水透气阀
 - > Metal Ventilation Plug/Nylon Ventilation Plug
- 67 金属防爆泄压阀
 - > Metal Ex-proof Pressare Release Valve

电缆保护系列 Cable Protection Series

- 68 电缆保护系列
 - > Cable Protection Series
- 69 产品介绍
 - > Product Introduction
- 70 信号保护罩
 - > Signal Shield
- 71 安装作业指导
 - > Installation Operation Guidance
- 72 BST-SPC-H6-6 信号保护罩
 - > BST-SPC-H6-6 Signal Entry Protection Shield
- 73 M33-H4-6-COM信号保护罩
 - > M33-H4-6-COM Signal Entry Protection Shield
- 74 M25-H2-01/02 信号保护罩
 - > M25-H2-01/02 Signal Entry Protection Shield
- 75 M型电缆固定头
 - > Metric Type Nylon Cable Glands
- 76 PG型电缆固定头
 - > PG Type Nylon Cable Glands
- 77 M型多孔电缆固定头
 - > Multiple-entry Nylon Cable Glands-Metric Type
- 78 M型多孔电缆固定头
 - > Multiple-entry Nylon Cable Glands-Metric Type
- 79 M型圆形尼龙闷盖
 - > Metric Type Nylon Screw Plugs
- 80 M型定制尼龙闷盖
 - > Metric Type Customization Nylon Screw Plug
- 81 电缆引入系统
 - > Cable Entry System
- 82 多孔方形密封穿线板
 - > Cable Entry Plates-Square Type Sith Multi-hole
- 83 多孔圆形密封穿线板
 - > Perforted Circular Sealing Threading Plate
- 84 宝塔型密封穿线板
 - > Cable Entry Grommets
- 85 单孔穿线护套
 - > Single Hole Threading Sheath
- 86 安装尺寸
 - > Installation Dimension



产品介绍
Product Introduction



储能连接器
Energy Storage System Connectors



储能端子
Energy Storage Terminals



浮动式储能连接器(模块化)
ESS Floating Coupler Module



浮动式储能连接器
Floating Energy Storage Connector



RJ45



穿墙式大电流接线端子
High Ampere Current Wall-through Terminal

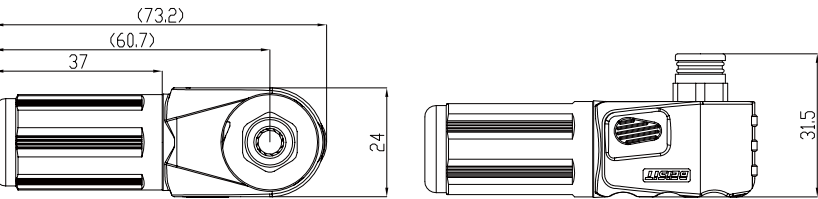


AC交流连接器
AC Connection

120A大电流插头(六边形接口)
120A Large Ampere High Current Plug (Hexagonal Interface)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1000V
额定电流 Ratedcurrent: 120A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
接线方式 Contacts termination: 压接 Crimp

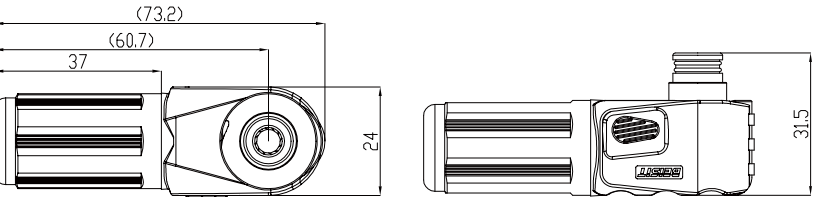


Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW06HO7PC01	1010010000021	16mm²	80A	7.5mm~8.5mm	Orange
PW06HO7PC02	1010010000003	25mm²	120A	8.5mm~9.5mm	Orange

120A大电流插头(圆形接口)
120A Large Ampere High Current Plug (Round Interface)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1000V
额定电流 Ratedcurrent: 120A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
接线方式 Contacts termination: 压接 Crimp

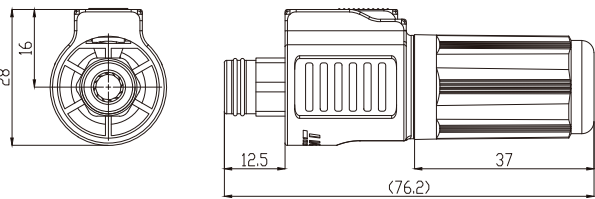


Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW06RB7PC01	1010010000023	16mm²	80A	7.5mm~8.5mm	Black
PW06RB7PC02	1010010000005	25mm²	120A	8.5mm~9.5mm	Black

120A大电流插头(六边形接口)
120A Large Ampere High Current Plug (Hexagonal Interface)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1000V
额定电流 Ratedcurrent: 120A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
接线方式 Contacts termination: 压接 Crimp

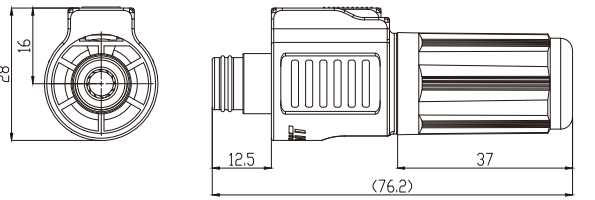


Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW06HO7PC51	1010010000027	16mm²	80A	7.5mm~8.5mm	Orange
PW06HO7PC52	1010010000025	25mm²	120A	8.5mm~9.5mm	Orange

120A大电流插头(圆形接口)
120A Large Ampere High Current Plug (Round Interface)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1000V
额定电流 Ratedcurrent: 120A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
接线方式 Contacts termination: 压接 Crimp

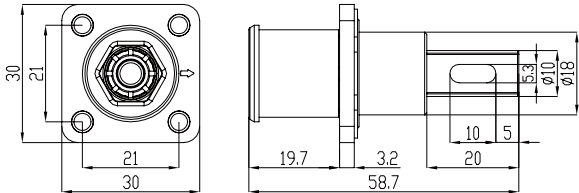


Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW06RB7PC51	1010010000028	16mm²	80A	7.5mm~8.5mm	Black
PW06RB7PC52	1010010000026	25mm²	120A	8.5mm~9.5mm	Black

120A大电流插座(六边形接口, U型孔)
120A High Current Receptacle (Hexagonal Interface, Copper Busbars)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1000V
额定电流 Ratedcurrent:	120A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Cantacts:	铜合金, 镀银 Brass, Silver
接线方式 Contacts termination:	压接 Crimp
插座法兰安装螺钉 Tighting screws for flange:	M4

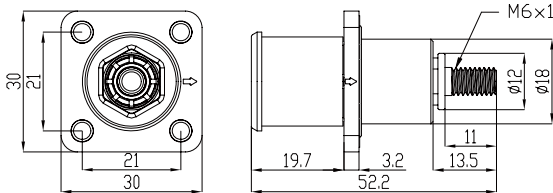


Product Model	Order No.	Color
PW06HO7RU01	1010020000003	Orange

120A大电流插座(六边形接口, 螺柱)
120A High Current Receptacle (Hexagonal Interface, Stud)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1000V
额定电流 Ratedcurrent:	120A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Cantacts:	铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange:	M4

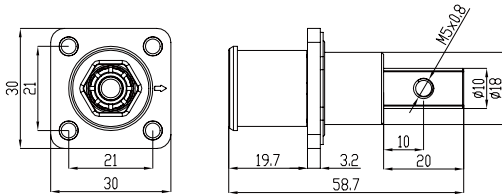


Product Model	Order No.	Color
PW06HO7RD01	1010020000055	Orange

120A大电流插座(六边形接口, 螺纹孔)
120A High Current Receptacle (Hexagonal Interface, Screw)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1000V
额定电流 Ratedcurrent:	120A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Cantacts:	铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange:	M4

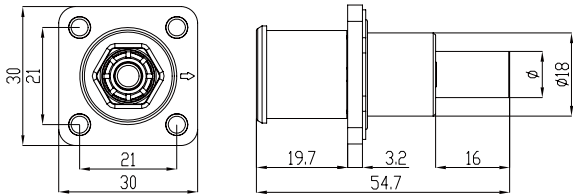


Product Model	Order No.	Color
PW06HO7RB01	1010020000006	Orange

120A大电流插座(六边形接口, 压接孔)
120A High Current Receptacle (Hexagonal Interface, Crimp)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1000V
额定电流 Ratedcurrent:	120A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Cantacts:	铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange:	M4



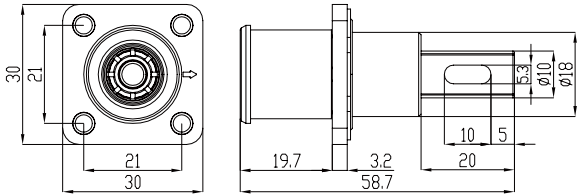
Rated current	φ
80A	8.5mm
120A	10mm

Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW06HO7RC01	1010020000008	16mm²	80A	7.5mm~8.5mm	Orange
PW06HO7RC02	1010020000009	25mm²	120A	8.5mm~9.5mm	Orange

120A大电流插座(圆形接口，U型孔)
120A High Current Receptacle (Round Interface, Coppre Busbar)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1000V
额定电流 Ratedcurrent:	120A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Cantacts:	铜合金，镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange:	M4

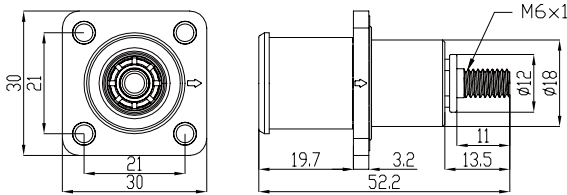


Product Model	Order No.	Color
PW06RB7RU01	1010020000011	Black

120A大电流插座(圆形接口，螺柱)
120A High Current Receptacle (Round Interface, Stud)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1000V
额定电流 Ratedcurrent:	120A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Cantacts:	铜合金，镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange:	M4

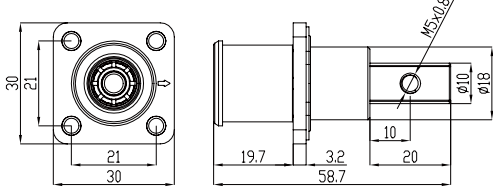


Product Model	Order No.	Color
PW06RB7RD01	1010020000056	Black

120A大电流插座(圆形接口，螺纹孔)
120A High Current Receptacle (Round Interface, Screw)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1000V
额定电流 Ratedcurrent:	120A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Cantacts:	铜合金，镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange:	M4

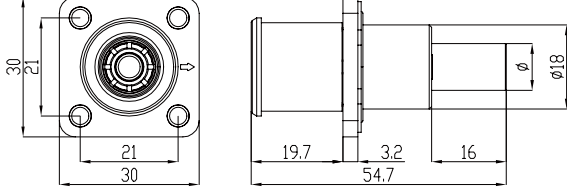


Product Model	Order No.	Color
PW06RB7RB01	1010020000014	Black

120A大电流插座(圆形接口，压接)
120A High Current Receptacle (Round Interface, Crimp)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1000V
额定电流 Ratedcurrent:	120A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Cantacts:	铜合金，镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange:	M4



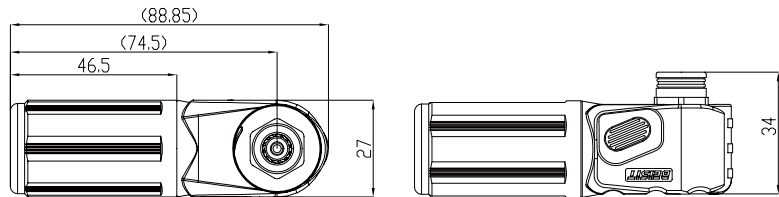
Rated current	φ
80A	8.5mm
120A	10mm

Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW06RB7RC01	1010020000016	16mm²	80A	7.5mm~8.5mm	Black
PW06RB7RC02	1010020000017	25mm²	120A	8.5mm~9.5mm	Black

250A大电流插头(六边形接口)
250A Large Ampere High Current Plug (Hexagonal Interface)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1500V
额定电流 Ratedcurrent: 250A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
接线方式 Contacts termination: 压接 Crimp

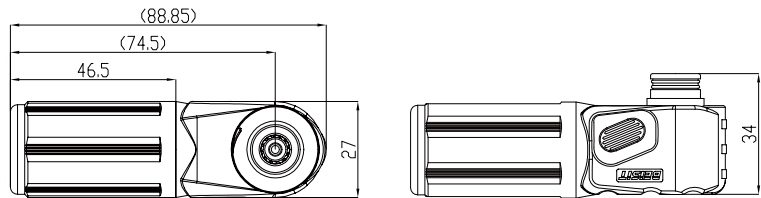


Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW08HO7PC01	1010010000007	35mm ²	150A	10.5mm~12mm	Orange
PW08HO7PC02	1010010000009	50mm ²	200A	13mm~14mm	Orange
PW08HO7PC03	1010010000010	70mm ²	250A	14mm~15.5mm	Orange

250A大电流插头(圆形接口)
250A Large Ampere High Current Plug (Round Interface)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1500V
额定电流 Ratedcurrent: 250A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
接线方式 Contacts termination: 压接 Crimp



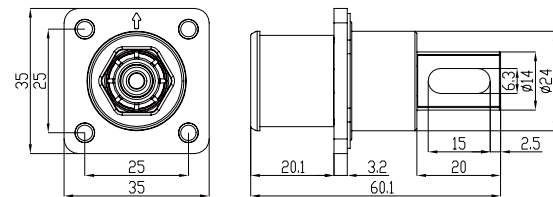
Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW08RB7PC01	1010010000008	35mm ²	150A	10.5mm~12mm	Black
PW08RB7PC02	1010010000011	50mm ²	200A	13mm~14mm	Black
PW08RB7PC03	1010010000012	70mm ²	250A	14mm~15.5mm	Black



250A大电流插座(六边形接口, U型孔)
250A High Current Receptacle (Hexagonal Interface, Copper Busbars)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1500V
额定电流 Ratedcurrent: 250A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange: M4

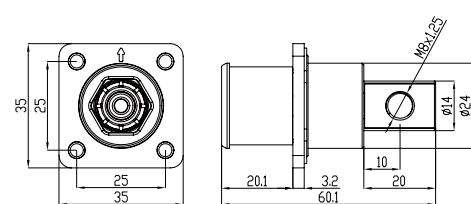


Product Model	Order No.	Color
PW08HO7RU01	1010020000021	Orange

250A大电流插座(六边形接口, 螺纹孔)
250A High Current Receptacle (Hexagonal Interface, Screw)

→ 4128

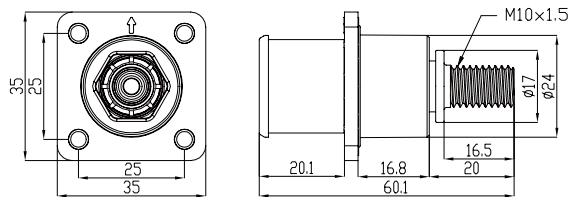
产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1500V
额定电流 Ratedcurrent: 250A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange: M4



Product Model	Order No.	Color
PW08HO7RB01	1010020000024	Orange

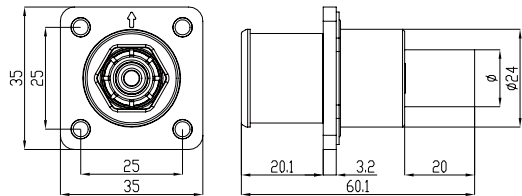


250A大电流插座(六边形接口，螺柱)
250A High Current Receptacle (Hexagonal Interface, Stud)



Product Model	Order No.	Color
PW08HO7RD01	1010020000019	Orange

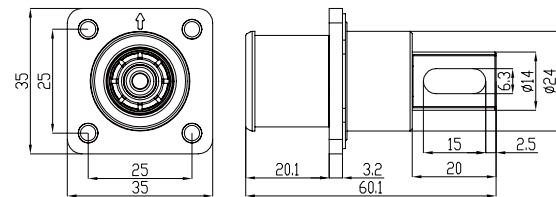
250A大电流插座(六边形接口，压接孔)
250A High Current Receptacle (Hexagonal Interface, Crimp)



Rated current	Φ
150A	11mm
200A	14mm
250A	16.5mm

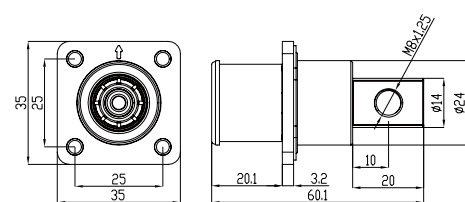
Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW08HO7RC01	1010020000025	35mm²	150A	10.5mm~12mm	Orange
PW08HO7RC02	1010020000026	50mm²	200A	13mm~14mm	Orange
PW08HO7RC03	1010020000027	70mm²	250A	14mm~15.5mm	Orange

250A大电流插座(圆形接口，U型孔)
250A High Current Receptacle (Round Interface, Copper Busbars)



Product Model	Order No.	Color
PW08RB7RU01	1010020000029	Black

250A大电流插座(圆形接口，螺纹孔)
250A High Current Receptacle (Round Interface, Screw)



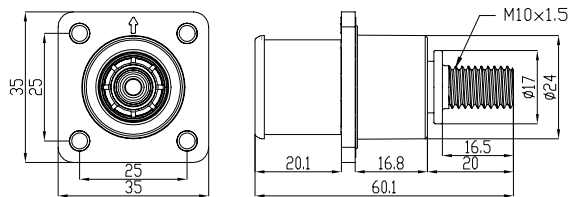
Product Model	Order No.	Color
PW08RB7RB01	1010020000032	Black

250A大电流插座(圆形接口，螺柱)
250A High Current Receptacle (Round Interface, Stud)



→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1500V
额定电流 Ratedcurrent:	250A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Contacts:	铜合金，镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange:	M4

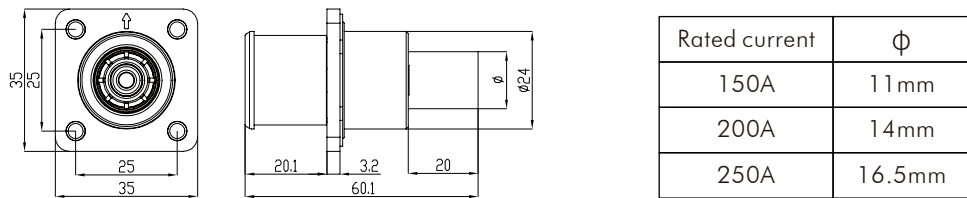


Product Model	Order No.	Color
PW08RB7RD01	1010020000020	Black

250A大电流插座(圆形接口，压接)
250A High Current Receptacle (Round Interface, Crimp)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1500V
额定电流 Ratedcurrent:	250A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Contacts:	铜合金，镀银 Brass, Silver
接线方式 Contacts termination:	压接 Crimp



Rated current	Φ
150A	11mm
200A	14mm
250A	16.5mm

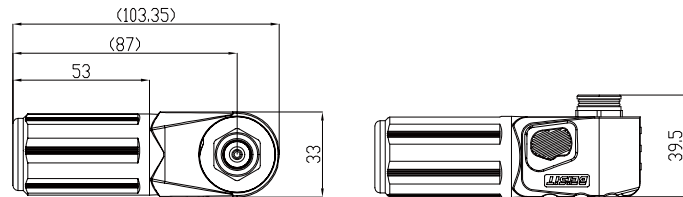
Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW08RB7RC01	1010020000033	35mm²	150A	10.5mm~12mm	Black
PW08RB7RC02	1010020000034	50mm²	200A	13mm~14mm	Black
PW08RB7RC03	1010020000035	70mm²	250A	14mm~15.5mm	Black

350A大电流插头(六边形接口)
350A Large Ampere High Current Plug (Hexagonal Interface)



→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1500V
额定电流 Ratedcurrent:	350A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Contacts:	铜合金，镀银 Brass, Silver
接线方式 Contacts termination:	压接 Crimp

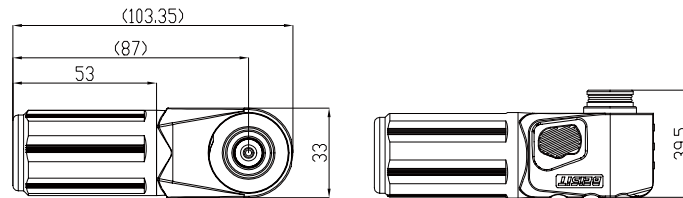


Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW12HO7PC01	1010010000013	95mm²	300A	17mm~19mm	Orange
PW12HO7PC02	1010010000015	120mm²	350A	19mm~20.5mm	Orange

350A大电流插头(圆形接口)
350A Large Ampere High Current Plug (Round Interface)

→ 4128

产品标准 Standard:	UL 4128
额定电压 Rated Voltge:	1500V
额定电流 Ratedcurrent:	350A MAX
防护等级 IP Rating:	IP67
密封件材料 Seal:	硅橡胶 Silicone rubber
外壳体材料 Housing:	塑料 Plastic
接触件材料 Contacts:	铜合金，镀银 Brass, Silver
接线方式 Contacts termination:	压接 Crimp



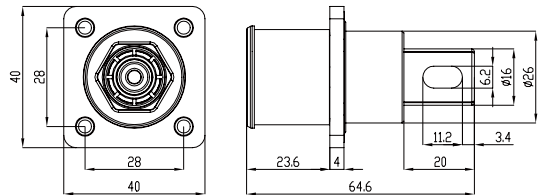
Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW12RB7PC01	1010010000014	95mm²	300A	17mm~19mm	Black
PW12RB7PC02	1010010000017	120mm²	350A	19mm~20.5mm	Black

350A大电流插座(六边形接口, U型孔)
350A High Current Receptacle (Hexagonal Interface, Copper Busbars)



→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltage: 1500V
额定电流 Rated current: 350A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tightening screws for flange: M4



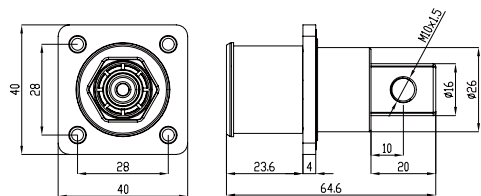
Product Model	Order No.	Color
PW12HO7RU01	1010020000039	Orange

350A大电流插座(六边形接口, 螺纹孔)
350A High Current Receptacle (Hexagonal Interface, Screw)



→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltage: 1500V
额定电流 Rated current: 350A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tightening screws for flange: M4



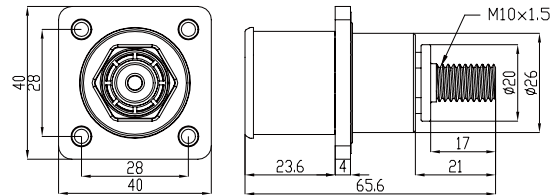
Product Model	Order No.	Color
PW12HO7RB01	1010020000042	Orange

350A大电流插座(六边形接口, 螺柱)
350A High Current Receptacle (Hexagonal Interface, Stud)



→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltage: 1500V
额定电流 Rated current: 350A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tightening screws for flange: M4



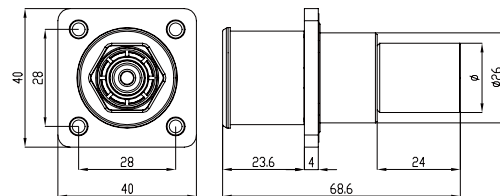
Product Model	Order No.	Color
PW12HO7RD01	1010020000057	Orange

350A大电流插座(六边形接口, 压接孔)
350A High Current Receptacle (Hexagonal Interface, Crimp)



→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltage: 1500V
额定电流 Rated current: 350A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tightening screws for flange: M4



Rated current	φ
300A	17.5mm
350A	20mm

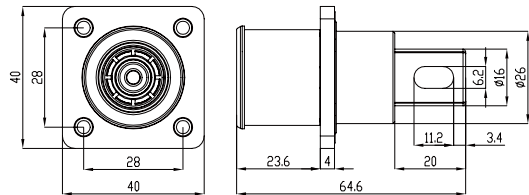
Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW12HO7RC01	1010020000044	95mm²	300A	17mm~19mm	Orange
PW12HO7RC02	1010020000045	120mm²	350A	19mm~20.5mm	Orange

350A大电流插座(圆形接口, U型孔)
350A High Current Receptacle (Round Interface, Copper Busbars)



→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1500V
额定电流 Ratedcurrent: 350A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange: M4

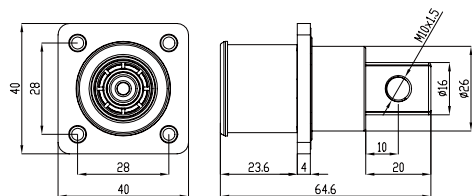


Product Model	Order No.	Color
PW12RB7RU01	1010020000047	Black

350A大电流插座(圆形接口, 螺纹孔)
350A High Current Receptacle (Round Interface, Screw)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1500V
额定电流 Ratedcurrent: 350A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange: M4



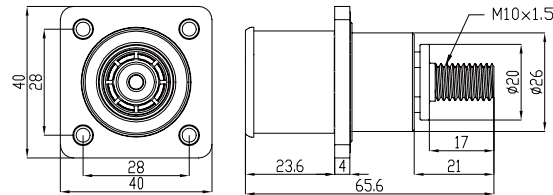
Product Model	Order No.	Color
PW12RB7RB01	1010020000050	Black

350A大电流插座(圆形接口, 螺柱)
350A High Current Receptacle (Round Interface, Stud)



→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1500V
额定电流 Ratedcurrent: 350A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange: M4

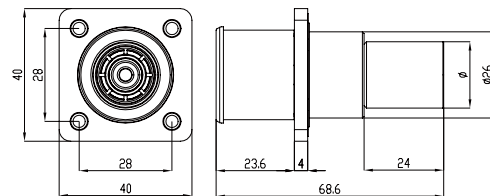


Product Model	Order No.	Color
PW12RB7RD01	1010020000058	Black

350A大电流插座(圆形接口, 压接)
350A High Current Receptacle (Round Interface, Crimp)

→ 4128

产品标准 Standard: UL 4128
额定电压 Rated Voltge: 1500V
额定电流 Ratedcurrent: 350A MAX
防护等级 IP Rating: IP67
密封件材料 Seal: 硅橡胶 Silicone rubber
外壳体材料 Housing: 塑料 Plastic
接触件材料 Contacts: 铜合金, 镀银 Brass, Silver
插座法兰安装螺钉 Tighting screws for flange: M4



Rated current	φ
300A	17.5mm
350A	20mm

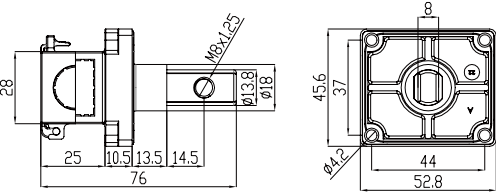
Product Model	Order No.	Cross-section	Rated current	Cable Diameter	Color
PW12RB7RC01	1010020000052	95mm²	300A	17mm~19mm	Black
PW12RB7RC02	1010020000053	120mm²	350A	19mm~20.5mm	Black

储能端子
Energy Storage Terminals



→ SE

额定电压 Rated Voltage:	1500V
阻燃 Flame Rating:	UL94 V-0
外壳体材料 Shell:	塑料 Plastic
防护等级 IP Rating:	IP67
接触件材料 Contacts:	铜合金镀镍 Brass, Nickel plated
接线方式 Contacts termination:	接铜牌 Busbar

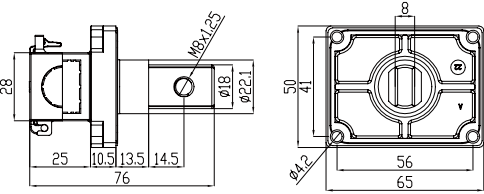


Product Model	Order No.	Ratedcurrent	Color
SEO25001	1010030000001	250A	Orange
SEB25001	1010030000002	250A	Black

储能端子
Energy Storage Terminals

→ SE

额定电压 Rated Voltage:	1500V
阻燃 Flame Rating:	UL94 V-0
外壳体材料 Shell:	塑料 Plastic
防护等级 IP Rating:	IP67
接触件材料 Contacts:	铜合金镀镍 Brass, Nickel plated
接线方式 Contacts termination:	接铜牌 Busbar



Product Model	Order No.	Ratedcurrent	Color
SEO35001	1010030000003	350A	Orange
SEB35001	1010030000004	350A	Black



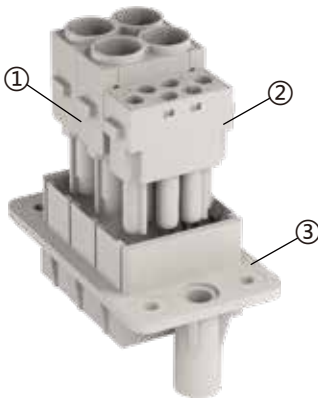
浮动式储能连接器（模块化）
Energy Storage Floating Coupler Module



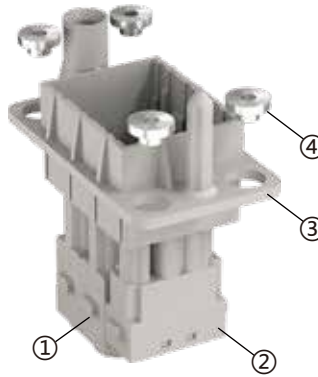
浮动原理简介 Floating Principle Introduction

4个浮动垫圈安装在浮动框架(ABC)上，使用M4螺丝穿过浮动垫圈中心孔，之后浮动框架可在一定范围内移动（最大偏移为4mm）。

Four floating washers are installed on the floating frame (ABC), and M4 bolts pass through the center of floating washer. In this way the floating frame can move within a certain allowance range (maximum offset 4mm).



Number	Product Name	Product Model	Quantity
①	HM070-002冷压连接母模块	HM070-002-FC-1	2
②	HMEHV-006冷压连接母模块	HMEHV-006-FC-1	1
③	三位塑料浮动框架（abc）	HPDF-03-F-2	1



Number	Product Name	Product Model	Quantity
①	HM070-002冷压连接公模块	HM070-002-MC-1	2
②	HMEHV-006冷压连接公模块	HMEHV-006-MC-1	1
③	三位塑料浮动框架（ABC）	HPDF-03-M-2	1
④	浮动垫圈	/	4

HM070-002 冷压型模块

Crimp Module 1000V 70A



插芯 Inserts 可与框架及其他所有模块产品组合使用 Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	DIN EN 60 664 / DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	2
依据 EN 61 984的电气数据	Electrical Data Acc. To EN 61 984	
额定电流	Rated Current	70A
额定电压	Rated Voltage	1000V
额定脉冲电压	Rated Impulse Voltage	8KV
污染程度	Pollution Degree	3
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UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	MechKnical 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	≤0.3mΩ
冷压连接	Crimp Terminal	
mm ²	mm ²	10-25mm ²
剥线长度	Stripping length	15.5mm
最大电缆直径	Max. insulation diameter	11mm

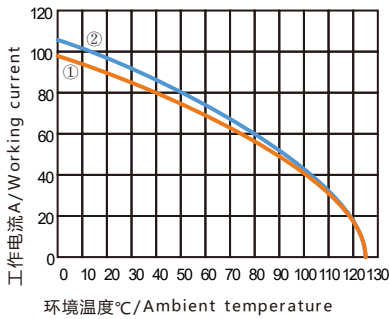
电流负载能力

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。

测试和控制过程依据 DIN EN 60512-5。

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DINEN 60512-5.



①24B外壳带6个模块，导线截面: 16mm²

②24B外壳带6个模块，导线截面: 25mm²

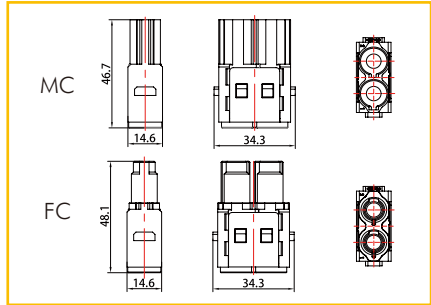
① 24 B hoods/housings with 6 modules, wire gauge: 16mm²

② 24 B hoods/housings with 6 modules, wire gauge: 25mm²

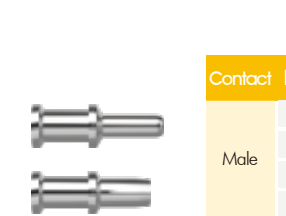
冷压连接 / Crimp Terminal



Inserts	Product Model	Order No.
Male	HM070-002-MC	1 007 04 0000033
Female	HM070-002-FC	1 007 04 0000034

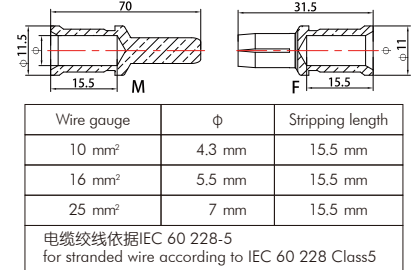


附件 Accessories



镀银 silver plated

Contact	Product Model	Order No.	Contact	Product Model	Order No.
Male	CSM70-6.0	1 007 06 0000045	Female	CSF70-6.0	1 007 07 0000045
	CSM70-10	1 007 06 0000046		CSF70-10	1 007 07 0000046
	CSM70-16	1 007 06 0000047		CSF70-16	1 007 07 0000047
	CSM70-25	1 007 06 0000048		CSF70-25	1 007 07 0000048



Wire gauge	φ	Stripping length
10 mm ²	4.3 mm	15.5 mm
16 mm ²	5.5 mm	15.5 mm
25 mm ²	7 mm	15.5 mm

电缆绞线依据IEC 60 228-5
for stranded wire according to IEC 60 228 Class5

HMEHV-006 冷压型模块

Crimp Module 830V 16A



插芯 Inserts 可与框架及其他所有模块产品组合使用 Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	DIN EN 60 664 / DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	6
依据 EN 61 984的电气数据	Electrical Data Acc. To EN 61 984	
额定电流	Rated Current	16A
额定电压	Rated Voltage	830V
额定脉冲电压	Rated Impulse Voltage	8KV
污染程度	Pollution Degree	3
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UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	MechKnical 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 镀金 Hard-gold Plated
接触电阻	Contact Resistance	≤1mΩ
冷压连接	Crimp Terminal	
mm ²	mm ²	0.14-4mm ²
AWG	AWG	26-12

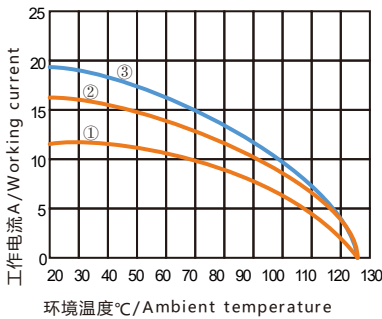
电流负载能力

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。

测试和控制过程依据 DIN EN 60512-5。

The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DINEN 60512-5.



①24B外壳带6个模块，导线截面: 1.5mm²

②24B外壳带6个模块，导线截面: 2.5mm²

③24B外壳带6个模块，导线截面: 4.0mm²

① 24 B hoods/housings with 6 modules, wire gauge: 1.5mm

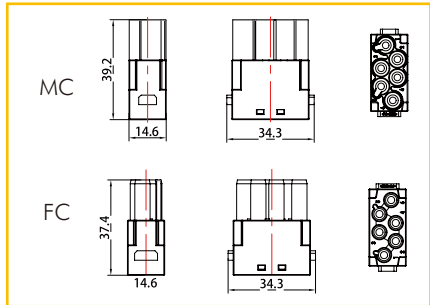
② 24 B hoods/housings with 6 modules, wire gauge: 2.5mm

③ 24 B hoods/housings with 6 modules, wire gauge: 4.0mm

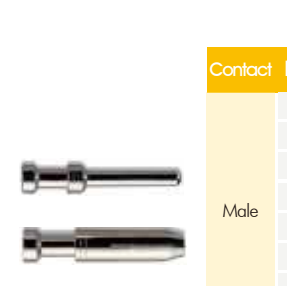
冷压连接 / Crimp Terminal



Inserts	Product Model	Order No.
Male	HMEHV-006-MC-1	1 007 04 0000061
Female	HMEHV-006-FC-1	1 007 04 0000062

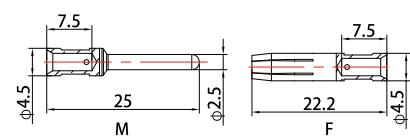


附件 Accessories



镀银 silver plated

Contact	Product Model	Order No.	Contact	Product Model	Order No.
Male	CESM-0.37	101 019 110 0301	Female	CESF-0.37	101 019 120 0301
	CESM-0.50	101 019 110 0401		CESF-0.50	101 019 120 0401
	CESM-0.75	101 019 110 0601		CESF-0.75	101 019 120 0601
	CESM-1.0	101 019 110 0801		CESF-1.0	101 019 120 0801
	CESM-1.5	101 019 110 0901		CESF-1.5	101 019 120 0901
	CESM-2.5	101 019 110 1001		CESF-2.5	101 019 120 1001
	CESM-3.0	101 019 110 1101		CESF-3.0	101 019 120 1101
	CESM-4.0	101 019 110 1201		CESF-4.0	101 019 120 1201



镀金 gold plated

Contact	Product Model	Order No.	Contact	Product Model	Order No.
Male	CEGM-0.37	101 019 210 0301	Female	CEGF-0.37	101 019 220 0301
	CEGM-0.50	101 019 210 0401		CEGF-0.50	101 019 220 0401
	CEGM-0.75	101 019 210 0601		CEGF-0.75	101 019 220 0601
	CEGM-1.0	101 019 210 0801		CEGF-1.0	101 019 220 0801
	CEGM-1.5	101 019 210 0901		CEGF-1.5	101 019 220 0901
	CEGM-2.5	101 019 210 1001		CEGF-2.5	101 019 220 1001
	CEGM-3.0	101 019 210 1101		CEGF-3.0	101 019 220 1101
	CEGM-4.0	101 019 210 1201		CEGF-4.0	101 019 220 1201

Product Model	Wire gauge	Stripping length
CESM-0.37/CESF-0.37 CEGM-0.37/CEGF-0.37	0.14-0.37 mm ²	AWG26-22
CESM-0.5/CESF-0.5 CEGM-0.5/CEGF-0.5	0.5 mm ²	AWG20
CESM-0.75/CESF-0.75 CEGM-0.75/CEGF-0.75	0.75 mm ²	AWG18
CESM-1.0/CESF-1.0 CEGM-1.0/CEGF-1.0	1 mm ²	AWG18
CESM-1.5/CESF-1.5 CEGM-1.5/CEGF-1.5	1.5 mm ²	AWG16
CESM-2.5/CESF-2.5 CEGM-2.5/CEGF-2.5	2.5 mm ²	AWG14
CESM-3.0/CESF-3.0 CEGM-3.0/CEGF-3.0	3 mm ²	AWG12
CESM-4.0/CESF-4.0 CEGM-4.0/CEGF-4.0	4 mm ²	AWG12

三位浮动框架（活动端） / Tri-Positioning Plastic Floating Frame (Floating)



Introduction	Marking	Product Model	Order No.
用于3个模块	A-C	HPDF-03-M-2	1007050000039

①浮动公差±2 Floating tolerance ± 2

三位浮动框架（固定端） / Tri-Positioning Plastic Floating Frame (Fixed)

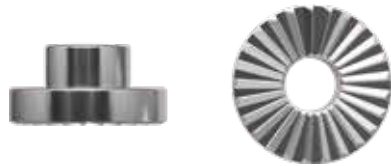


Introduction	Marking	Product Model	Order No.
用于3个模块	a-c	HPDF-03-F-2	1007050000040

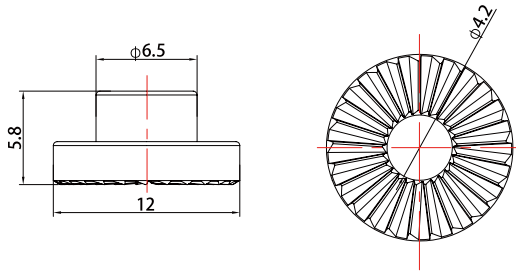
安装尺寸

附件 Accessories

浮动垫圈 / Float washer



简介：便于让浮动框架使用标准M4螺钉后实现浮动安装
Note: available for floating match installation with standard M4 bolts



技术参数 Technical Characteristics

插芯	Inserts	
接插件针数	Number Of Contacts	3芯（电源）+12芯（通讯） 3 Pins(power) + 12 Pins(communication)
依据 EN 61 984的电气数据	Electrical Data Acc. To EN 61 984	
额定电流	Rated Current	3芯（120A）+12芯（5A） 3 cores (120A)+12 cores (5A)
额定电压	Rated Voltage	3芯（1000V）+12芯（60V） 3 cores (1000V)+12 cores (60V)
额定脉冲电压	Rated Impulse Voltage	3芯（6KV）+12芯（1.5KV） 3 cores (6KV)+12 cores (1.5KV)
污染程度	Pollution Degree	2
过电压等级	Overvoltage Category	2
绝缘电阻	Insulation Resistance	$\geq 5 \times 10^8 \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-25℃...+85℃
依据 UL 94 的阻燃等级	Flammability Acc. To UI94	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	镀银 Hard-silver Plated
接触电阻	Contact Resistance	3芯（ $\leq 0.5\text{m}\Omega$ ）+12芯（ $\leq 5\text{m}\Omega$ ）
冷压连接	Crimp Terminal	
电源	Power	25mm ²
剥线长度	Stripping length	13mm
最大电缆直径	Max. insulation diameter	10mm
通讯	Signal	0.5mm ²
剥线长度	Stripping length	5mm
最大电缆直径	Max. insulation diameter	2mm

冷压连接 / Crimp Terminal



Inserts	Product Model	Order No.	Inserts	Product Model	Order No.
Male	FMC10-15H-12001	1010080000003	Female	FFC10-15H-12001	1010080000004

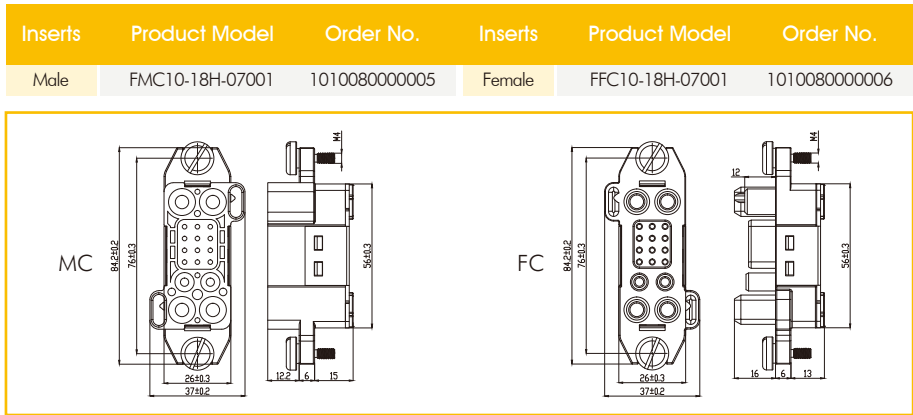
附件 Accessories

镀银 silver plated					
Inserts	Product Model	Order No.	Inserts	Product Model	Order No.
Male	FM10S-120-25-01	1010090000005	Female	FM21S-120-25-01	1010090000002
	FM10S-005-0.5-01	1010090000007		FM20S-005-0.5-01	1010090000004

Floating Energy Storage Connector



插芯	Inserts	
接插件针数	Number Of Contacts	4芯（电源）+2芯（电源）+12芯（通讯） 4 Pins(power) +2 Pins(power) + 12 Pins(communication)
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
额定电流	Rated Current	4芯（70A）+2芯（20A）+12芯（5A） 4 cores（70A）+ 2 cores（20A）+12 cores（5A）
额定电压	Rated Voltage	4芯（1000V）+2芯（380V）+12芯（60V） 4 cores（1000V）+2 cores（380V）+12 cores（60V）
额定脉冲电压	Rated Impulse Voltage	4芯（6KV）+ 2芯（4KV）+12芯（1.5KV） 4 cores（6KV）+ 2 cores（4KV）+12 cores（1.5KV）
污染程度	Pollution Degree	2
过电压等级	Overvoltage Category	2
绝缘电阻	Insulation Resistance	≥5x10 ⁸ Ω
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-25℃...+85℃
依据UL 94的阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥500

冷压连接 / Crimp Terminal

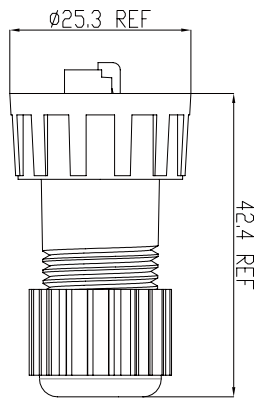
镀银 silver plated

Technical drawings of three types of shaft-hub connections:

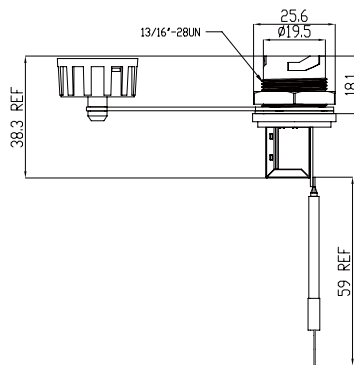
- 1. Shaft with a single key:** The side view shows a shaft of diameter d with a key of width b and height h . The key is seated in a hub of width l . The cross-sectional view shows the shaft diameter d , key width b , key height h , and the hub width l .
- 2. Shaft with a double key:** The side view shows a shaft of diameter d with two keys of width b and height h . The keys are seated in a hub of width l . The cross-sectional view shows the shaft diameter d , key width b , key height h , and the hub width l .
- 3. Shaft with a tapered key:** The side view shows a shaft of diameter d with a tapered key of width b and height h . The key is seated in a hub of width l . The cross-sectional view shows the shaft diameter d , key width b , key height h , and the hub width l .

RJ45 Plug

接线标准 Standard:	TIA/EIA-568-B
类型 Type:	活动端 Free
额定电压 Rate Voltage:	150V AC
额定电流 Rate current:	1.5A
接触电阻 Contact resistance:	30mΩ
绝缘电阻 Insulation resistance:	500MΩ
耐电压 Dielectric Withstanding Voltage:	1000V AC
工作温度 Temperature Range:	-25℃～+55℃
耐久性 Durability:	750 times
环保 Pro-environment:	ROHS
防护等级 IP Rating:	IP67
外壳体材料 Nut:	塑料 PA66
接触件材料 Contacts:	铜合金 Brass
接线尺寸 Wire size:	23AWG～24AWG

RJ45 Receptacle

接线标准 Standard:	TIA/EIA-568-B
类型 Type:	固定端 Fixed
额定电压 Rate Voltage:	150V AC
额定电流 Rate current:	1.5A
接触电阻 Contact resistance:	30mΩ
绝缘电阻 Insulation resistance:	500MΩ
耐电压 Dielectric Withstanding Voltage:	1000V AC
工作温度 Temperature Range:	-40℃~+85℃
耐久性 Durability:	750 times
环保 Pro-environment:	ROHS
防护等级 IP Rating:	IP67
外壳体材料 Nut:	塑料 PA66
接触件材料 Contacts:	铜合金 Brass

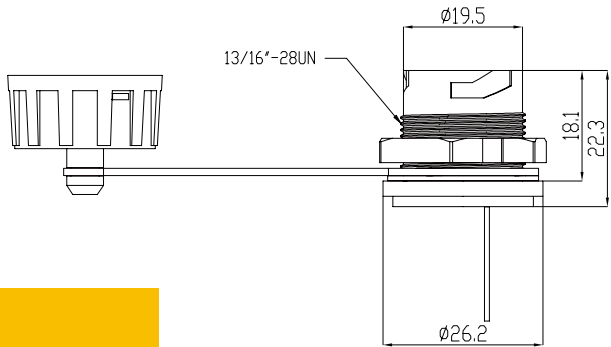
25

RJ45带线插座
RJ45 Receptacle With Wire



→ RJ45

接线标准 Standard:	TIA/EIA-568-B
类型 Type:	固定端 Fixed
额定电压 Rate Voltage:	150V AC
额定电流 Rate current:	1.5A
接触电阻 Contact resistance:	30mΩ
绝缘电阻 Insulation resistance:	500MΩ
耐电压 Dielectric Withstanding Voltage:	1000V AC
工作温度 Temperature Range:	-40℃~+85℃
耐久性 Durability:	750 times
环保 Pro-environment:	ROHS
防护等级 IP Rating:	IP67
外壳体材料 Nut:	塑料 PA66
接触件材料 Contacts:	铜合金 Brass



Product Model	Order No.
BEST-EFZ201100	5100100000001

穿墙式接线端子
Specification Of Products



应用领域 Application

- 电源，滤波器，逆变器，电器控制柜等电子设备
power supply, filter, inverter, electrical control cabinet and other electronic equipment

特性 Features

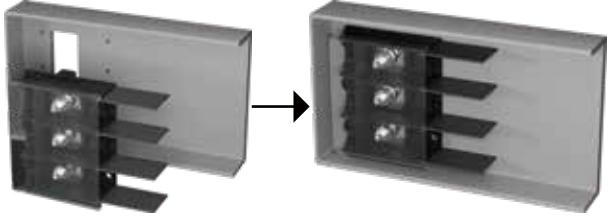
- 连接牢固可靠 The connection is secure and reliable
- 安装简易方便 Easy installation
- 接线安全性高 High wiring safety
- 抗腐蚀性强 Strong corrosion resistance
- 绝缘外壳牢固耐用，阻燃等级高 The insulation shell is firm and durable, with a high flame retardant grade
- 良好的电气性能和机械性能 Good electrical performance and mechanical properties
- 防护等级高 High electrical protection level
- 可同时连接多组不同线路，每组可接不同规格导线

Three group of different lines can be connected at the same time, and each group can be connected with wires of different specifcatinos

在开始安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.

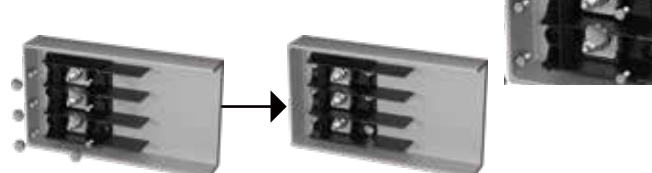
安装举例（BST-200A-3PIN）

1



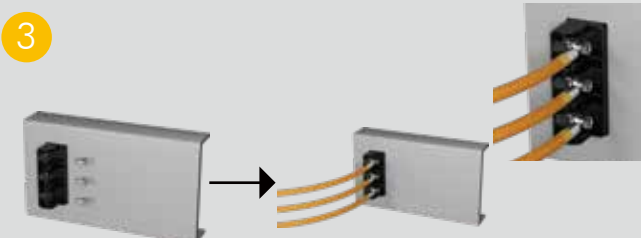
将端子安装进面板上矩形预留孔内，与面板贴平。
Install the terminals into the rectangular reservation on the panel matching panel flatness.

2



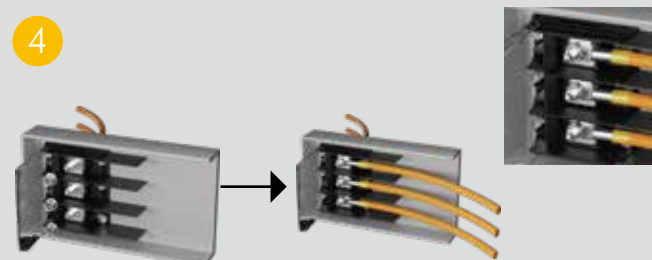
用6个M6螺丝通过装配孔固定在面板上，而后安装堵塞头。
Attach six M6 screws to the panel through the the fitting hole hole, and finally press the plug head into the hole.

3



柜内接线时，M8十字螺丝逆时针拧出，接入线束，而后使用相应工具将螺栓拧紧至标准安装扭力。
Turn the M8 scrow counterclockwise with the cross screwdriver, connect the wiring harness, fasten with torque wrench in standard installation torque.

4

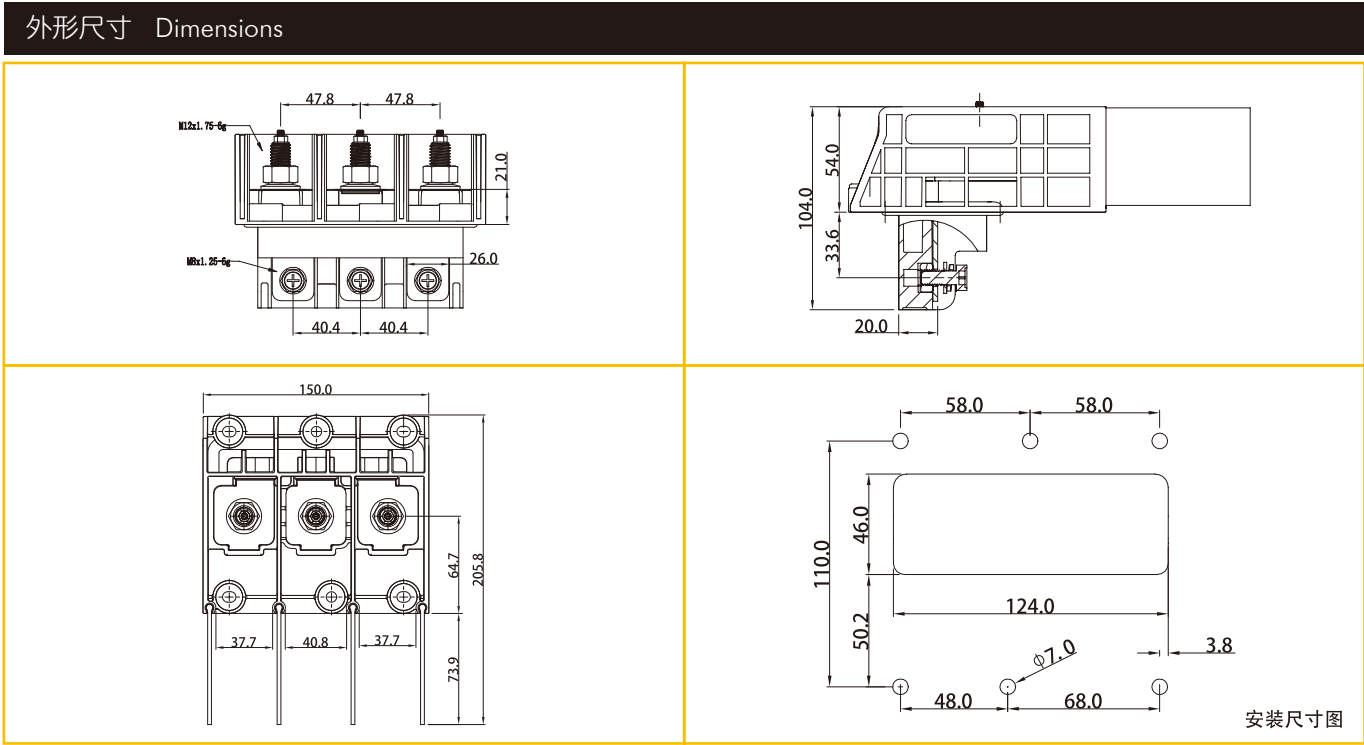


外部接线时将M12螺母逆时针拧出，将线束接入螺栓底部，最后拧入螺母使用相应工具将螺母拧紧至标准安装扭力。
Turn the M12 nut counterclockwise, connect the harness to the terminal bolt, finally screw in the nut tighten the nut with torque wrench in standard installation torque.

BST-200A-3PIN 穿墙式接线端子
BST-200A-3PIN Specification Of Wall-Through Terminals

材料处理 Material processing			
外壳 Shell	尼龙加纤 Nylon and fiber	挡板 Fel	硅橡胶 Silicone rubber
铜排 Copper Bar	铜、镀锡 Purple copper、Foized tin	螺栓螺母 Embedded bolt	碳钢、锌镍合金 Carbon steel、Zinc-nickel alloy
矩形型圈 Rectangular ring	硅橡胶 Silicone rubber	堵塞头 Plug head	硅橡胶 Silicone rubber

技术参数 Technical parameter			
颜色 Color	黑色 Black RAL900	配合端正位度 Pin offset	±0.15mm Max
额定电流 Rated current	200A	产品盐雾测试 Product salt spray test	满足240h中性盐雾测试， 满足ISO12944检验标准 Meet the 240h neutral salt spray test and meet the ISO12944 test standard
额定电压 Rated voltage	800VAC/1500VDC		
绝缘耐压 Dielectric withstand voltage	AC3000,1Min		
绝缘电阻 Insulation resietance	1500MΩ	接线范围 Wiring range	M12 (50-240mm²) M8 (35-95mm²) M4 (2.5-10mm²)
阻燃等级 Flame retardant grade	UL94 V-0		
防护等级 Level of protection	IP66	扭矩 Torque	M12 (40-70Nm) M8 (12-30Nm) M4 (1.2-3Nm)
环保属性 Pollution level	ROHS, REACH		
工作温度 Working temperature	-40℃ to 120℃		

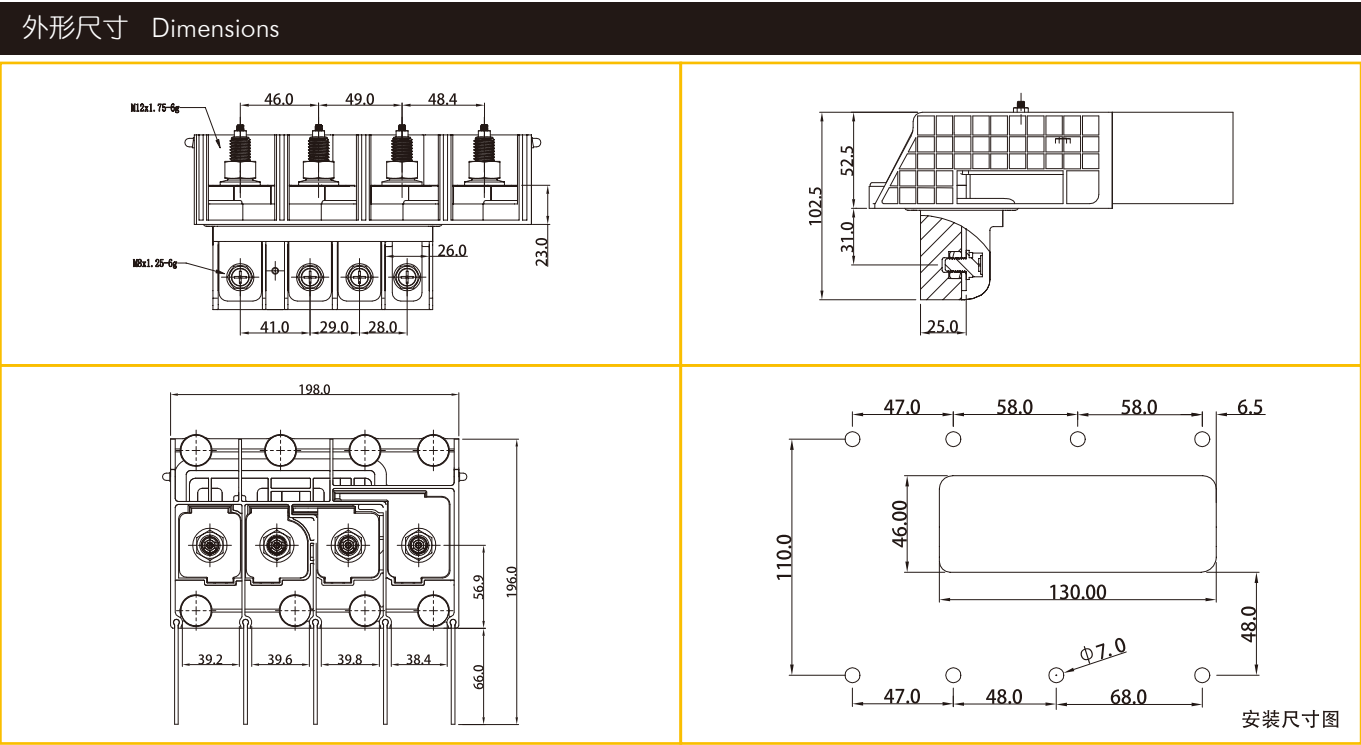


BST-200A-4PIN 穿墙式接线端子
BST-200A-4PIN Specification Of Wall-Through Terminals



材料处理 Material processing			
外壳 Shell	尼龙加纤 Nylon and fiber	挡板 Fel	硅橡胶 Silicone rubber
铜排 Copper Bar	铜、镀锡 Purple copper、Foized tin	螺栓螺母 Embedded bolt	碳钢、锌镍合金 Carbon steel、Zinc-nickel alloy
矩形型圈 Rectangular ring	硅橡胶 Silicone rubber	堵塞头 Plug head	硅橡胶 Silicone rubber

技术参数 Technical parameter			
颜色 Color	黑色 Black RAL900	配合端正位度 Pin offset	±0.15mm Max
额定电流 Rated current	200A	产品盐雾测试 Product salt spray test	满足240h中性盐雾测试，满足ISO12944检验标准 Meet the 240h neutral salt spray test and meet the ISO12944 test standard
额定电压 Rated voltage	800VAC/1500VDC		
绝缘耐压 Dielectric withstand voltage	AC3000,1Min		
绝缘电阻 Insulation resietance	1500MΩ	接线范围 Wiring range	M12 (50-240mm²) M8 (35-95mm²) M4 (2.5-10mm²)
阻燃等级 Flame retardant grade	UL94 V-0	扭矩 Torque	M12 (40-70Nm) M8 (12-30Nm) M4 (1.2-3Nm)
防护等级 Level of protection	IP66		
环保属性 Pollution level	ROHS, REACH		
工作温度 Working temperature	-40℃ to 120℃		

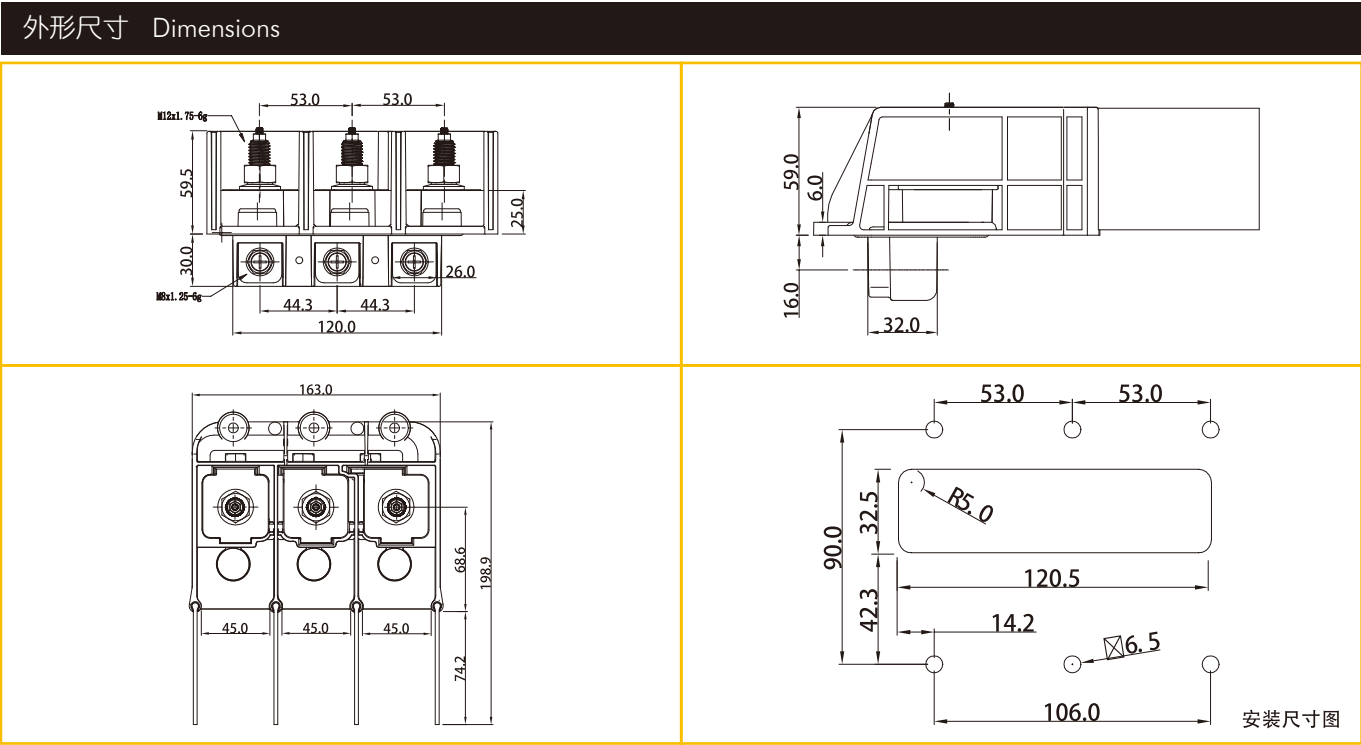


BST-300A-3P-H 穿墙式接线端子
BST-300A-3P-H Specification Of Wall-Through Terminals



材料处理 Material processing			
外壳 Shell	尼龙加纤 Nylon and fiber	挡板 Fel	硅橡胶 Silicone rubber
铜排 Copper Bar	铜、镀锡 Purple copper、Foized tin	螺栓螺母 Embedded bolt	碳钢、锌镍合金 Carbon steel、Zinc-nickel alloy
矩形型圈 Rectangular ring	硅橡胶 Silicone rubber	堵塞头 Plug head	硅橡胶 Silicone rubber

技术参数 Technical parameter			
颜色 Color	黑色 Black RAL900	配合端正位度 Pin offset	±0.15mm Max
额定电流 Rated current	250A	产品盐雾测试 Product salt spray test	满足240h中性盐雾测试，满足ISO12944检验标准 Meet the 240h neutral salt spray test and meet the ISO12944 test standard
额定电压 Rated voltage	800VAC/1500VDC		
绝缘耐压 Dielectric withstand voltage	AC3000,1Min		
绝缘电阻 Insulation resietance	1500MΩ	接线范围 Wiring range	M12 (50-400mm²) M8 (35-95mm²) M4 (2.5-10mm²)
阻燃等级 Flame retardant grade	UL94 V-0	扭矩 Torque	M12 (40-70Nm) M8 (12-30Nm) M4 (1.2-3Nm)
防护等级 Level of protection	IP66		
环保属性 Pollution level	ROHS, REACH		
工作温度 Working temperature	-40℃ to 120℃		

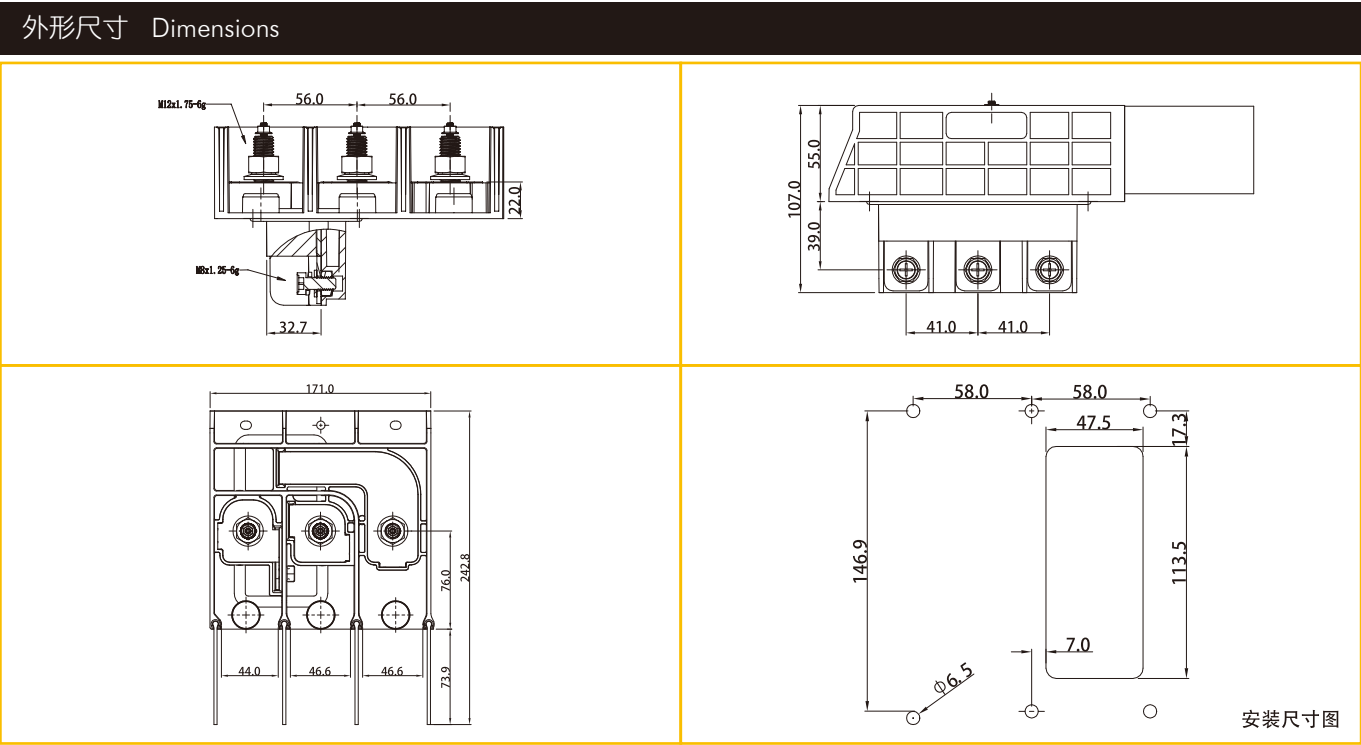


BST-300A-3PIN 穿墙式接线端子
BST-300A-3PIN Specification Of Wall-Through Terminals



材料处理 Material processing			
外壳 Shell	尼龙加纤 Nylon and fiber	挡板 Fel	硅橡胶 Silicone rubber
铜排 Copper Bar	铜、镀锡 Purple copper、Foized tin	螺栓螺母 Embedded bolt	碳钢、锌镍合金 Carbon steel、Zinc-nickel alloy
矩形型圈 Rectangular ring	硅橡胶 Silicone rubber	堵塞头 Plug head	硅橡胶 Silicone rubber

技术参数 Technical parameter			
颜色 Color	黑色 Black RAL900	配合端正位度 Pin offset	±0.15mm Max
额定电流 Rated current	250A	产品盐雾测试 Product salt spray test	满足240h中性盐雾测试，满足ISO12944检验标准 Meet the 240h neutral salt spray test and meet the ISO12944 test standard
额定电压 Rated voltage	800VAC/1500VDC		
绝缘耐压 Dielectric withstand voltage	AC3000,1Min		
绝缘电阻 Insulation resietance	1500MΩ	接线范围 Wiring range	M12 (50-400mm²) M8 (35-95mm²) M4 (2.5-10mm²)
阻燃等级 Flame retardant grade	UL94 V-0	扭矩 Torque	M12 (40-70Nm) M8 (12-30Nm) M4 (1.2-3Nm)
防护等级 Level of protection	IP66		
环保属性 Pollution level	ROHS, REACH		
工作温度 Working temperature	-40℃ to 120℃		

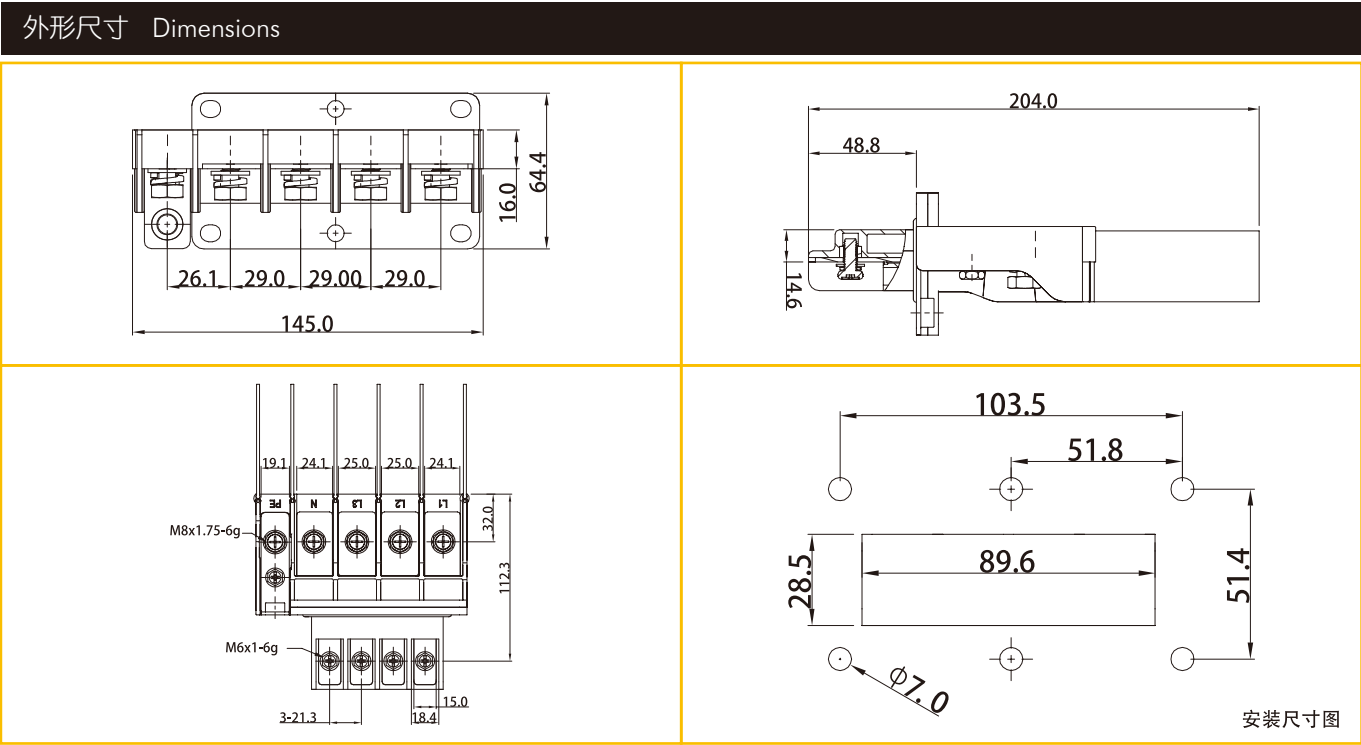


BST-150A-5PIN 穿墙式接线端子
BST-150A-5PIN Specification Of Wall-Through Terminals



材料处理 Material processing			
外壳 Shell	尼龙加纤 Nylon and fiber	挡板 Fel	硅橡胶 Silicone rubber
铜排 Copper Bar	铜、镀锡 Purple copper、Foized tin	螺栓螺母 Embedded bolt	碳钢、锌镍合金 Carbon steel、Zinc-nickel alloy
矩形型圈 Rectangular ring	硅橡胶 Silicone rubber	预埋螺母 Embedded nut	铜 Copper

技术参数 Technical parameter			
颜色 Color	黑色 Black RAL900	配合端正位度 Pin offset	±0.15mm Max
额定电流 Rated current	150A	产品盐雾测试 Product salt spray test	满足48h中性盐雾测试，满足ISO12944检验标准 Meet the 48h neutral salt spray test and meet the ISO12944 test standard
额定电压 Rated voltage	500VAC		
绝缘耐压 Dielectric withstand voltage	AC1500,1Min		
绝缘电阻 Insulation resietance	1000MΩ	接线范围 Wiring range	M8 (35-95mm²) M6 (16-25mm²)
阻燃等级 Flame retardant grade	UL94 V-0	扭矩 Torque	M8 (12-30Nm) M6 (5-13Nm) M4 (1.2-3Nm)
防护等级 Level of protection	IP66		
环保属性 Pollution level	ROHS, REACH		
工作温度 Working temperature	-40℃ to 85℃		



技术参数 Technical Characteristics

插芯	Inserts	
接插件针数	Number Of Contacts	5芯
依据 EN 61 984的电气数据	Electrical Data Acc. To EN 61 984	
额定电流	Rated Current	25A
额定电压	Rated Voltage	500V
额定脉冲电压	Rated Impulse Voltage	6KV
污染程度	Pollution Degree	3
绝缘电阻	Insulation Resistance	≥5x10 ⁹ Ω
材料	Material	尼龙 Polyamide
工作温度范围	Limiting Temperatures	-25℃...+85℃
依据UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	MechKnical Working Life-mating Cycles	≥100
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	≤5mΩ
冷压连接	Crimp Terminal	
接线范围	Wiring range	4-6mm ²
剥线长度	Stripping length	6mm
最大线芯直径	Max. insulation diameter	5mm
螺钉连接	Screw connection	
接线范围	Wiring range	4-6mm ²
剥线长度	Stripping length	8mm
最大电缆直径	Max. jacket diameter	14mm

冷压连接 / Crimp Terminal



Inserts	Product Model	Order No.	Inserts	Product Model	Order No.
Male	PAC-05-025-PCC	1010050000001	Female	PAC-05-025-SCC	1010060000001





液冷快速连接器
Liquid Cooling Quick Connector



推拉式流体连接器
Push Pull Type Fluid Connector



液冷管路
Liquid Cooling Pipeline Assembly



流体 Fluid Medium

- 冷却液 Coolant
- 水-乙二醇 Glycol Water
- ● ● ● ●

安全 Safety

- 双向密封，接通/断开无泄漏。
- 高分子材料尺寸稳定，实现全生命周期安全可靠的密封。
- 尾部迫紧式的软管锁紧结构保证全生命周期无松脱及泄漏。
- Dual flow sealing, switch on/off with no leakage.
- Polymer material makes stable model sizing and achieve the secure and reliable sealing within entire working life cycle.
- The conduit tail tight locking structure ensures neither leakage nor loosing all the long serving life cycle.

丰富 Wide range

- 尾部接口形式多样满足您各种需求。
- 通径、接口均可以根据客户需求定制。
- Various forms of termination can meet your needs.
- Diameter, interface and color can be customized according to customer requirements.

经济 Economy

- 精密高速成型工艺，高分子材料的应用，保证产品功能的同时，在批量生产的情况下实现了最大的经济性。
- The high-speed precision molding process technology and polymer material ensure product functionality along with achieving maximum economic efficiency in mass production.

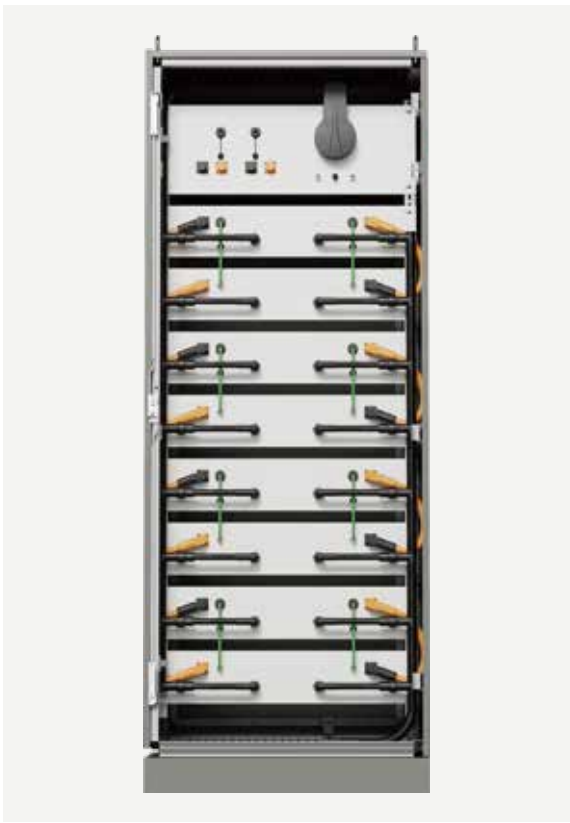
便捷 Convenient

- 重量轻，操作便捷。
- Light weight, easy operation.

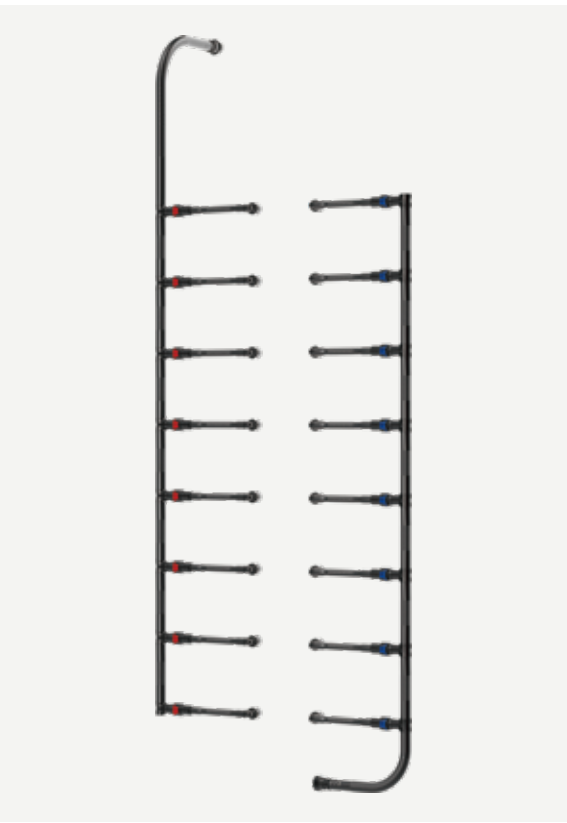
- 倍仕得为储能行业提供流体快速连接器及二、三级液冷管路整体解决方案，可为客户提供定制化服务。
- Beisit provides the overall solution of fluid quick connectors and secondary and tertiary liquid cooling pipelines for the energy storage industry, and can provide customized services for customers.



组装机 Assembly Drawing



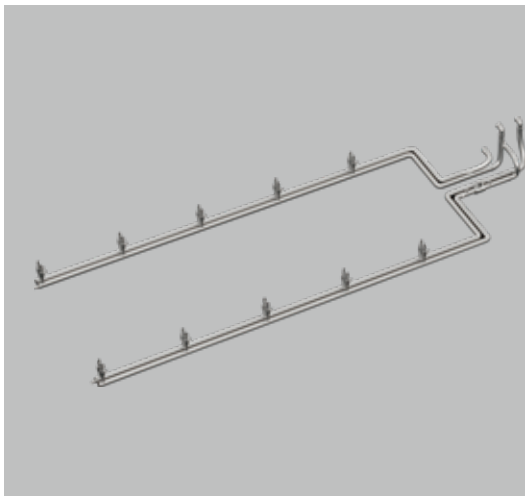
液冷管路总成 Cooling Pipeline Assembly



一级管道 Primary Pipeline

液冷一级管路主要用于连接液冷源与设备之间，一级管道采用金属硬管能够更好适应各种使用工况，使用寿命更长，在安装维护等方面更加方便。

The liquid cooling primary pipeline is mainly used to connect the liquid cooling source with the equipment. The use of metal hard pipes in the primary pipeline can better adapt to various operating conditions, have a longer service life, and be more convenient in installation and maintenance.



名称 <i>Name</i>	参数 <i>Parameter</i>	
主体材质	Material of main body	不锈钢（304,316L）
工作温度	Working temp	-40℃~+80℃
最大工作压力	Maximum working pressure	≥20bar
阻燃等级	Flame retardant class	UL 94HB
保温棉厚度	Thickness of thermal insulation foam	≤40 mm/min
保温棉材质	Material of thermal insulation cotton	≥450 N
保温棉表面缠绕材质	Material of thermal insulation foam surface winding	≥3.5mm
介质	Medium	EPDM
规格	Specification	DN50

二、三级管道 Secondary and Tertiary Pipeline

冷却管路内的冷却液带走电池与电子设备的热量，保证设备正常运行。只需要断开自密封的连接器即可快速对相应的模块进行维护或更换。连接器确保各模块之间快速且安全的连接。

The coolant in the cooling pipeline takes away the heat of the battery and the electronic equipment, ensuring the normal operation of the equipment. The corresponding module can be quickly maintained or replaced only by disconnecting the self-sealing connector. Ensure the quick and safe connection between the connectors.



名称 <i>Name</i>	参数 <i>Parameter</i>	
主体材质	Material of main body	PA
工作温度	Working temp	-40℃～80℃
最大工作压力	Maximum working pressure	≥10 bar
阻燃等级	Flame retardant class	UL 94HB
燃烧速度	Rate of combustion	≤40 mm/min
二级及三级管路接头拉脱力	Pull force of secondary and tertiary pipe joint	≥450 N
保温棉厚度	Thickness of thermal insulation foam	3.5 mm
保温棉材质	Material of thermal insulation cotton	EPDM
保温棉表面缠绕材质	Material of thermal insulation foam surface winding	PET
介质	Medium	50%水+50%乙二醇
二级管道规格	The specification of secondary pipeline	DN25

三级管道 Tertiary Pipeline			
	名称 Name		参数 Parameter
	主体材质	Material of main body	PA
	工作温度	Working temp	-40℃~80℃
	最大工作压力	Maximum working pressure	≥10 bar
	阻燃等级	Flame retardant class	UL 94HB
	燃烧速度	Rate of combustion	≤40 mm/min
	三级管路接头拉脱力	Pull force of tertiary pipe joint	≥450 N
	保温棉厚度	Thickness of thermal insulation foam	3 mm
	保温棉材质	Material of thermal insulation cotton	EPDM
	保温棉表面缠绕材质	Material of thermal insulation foam surface winding	PET
	介质	Medium	50%水+50%乙二醇



颜色标识 Color identification	R: 红色; Y: 黄色; G: 绿色; B: 蓝色; P: 紫色; BR: 褐色; BL: 黑色 R: Red; Y: Yellow; G: Green; B: Blue; P: Purple; BR: brown; BL: black
主体材质 Body material	AL: 铝; SS: 不锈钢; BR: 黄铜; PA: PA AL: aluminum; SS: stainless steel; BR: brass; PA: PA
O型圈材质 O-ring material	E: EPDM, 三元乙丙橡胶, -20℃~+110℃; FK: FKM, 氟橡胶, -10℃~+110℃; N: NBR, 丁腈橡胶, -15℃~+110℃ FV: FVMQ, 氟硅橡胶, -40℃~+110℃; P: PTFE, 聚四氟乙烯, -50℃~+110℃; C: CR, 氯丁橡胶, -40℃~+110℃ FF: FFKM, 全氟橡胶, 0℃~+110℃ E: EPDM, EPDM rubber, -20℃~+110℃ FK: FKM, fluorocarbon rubber, -10℃~+110℃ N: NBR, Nitrile rubber, -15℃~+110℃ FV: FVMQ, EPDM rubber, -40℃~+110℃ P: PTFE, Teflon, -50℃~+110℃ C: CR, Neoprene, -40℃~+110℃ FF: FFKM, Perfluoro rubber, -0℃~+110℃
连接软管直径 Connecting hose diameter	8: 连接8mm内径软管 8: Connect 8mm inner diameter hose
	10: 连接10mm内径软管 10: Connect 10mm inner diameter hose
	12: 连接12mm内径 软管 12: Connect 12mm inner diameter hose
	16: 连接16mm内径软管 16: Connect 16mm inner diameter hose
	20: 连接20mm内径软管 20: Connect 20mm inner diameter hose

接口编号 The interface number	
1XXXX	-1: 内螺纹, 第二位便是螺纹类型 (M: 公制, G: G型螺纹, J: 美制螺纹), 后几位为螺纹大小, 如1G12。 -1: internal thread, followed by thread type (M: metric, G: G thread, J: American thread), followed by thread size, such as 1G12.
2XXXX	-2: 外螺纹, 第二位便是螺纹类型 (M: 公制, G: G型螺纹, J: 美制螺纹), 后几位为螺纹大小, 如2G12。 -2: external thread, followed by thread type (M: metric, G: G thread, J: American thread), followed by thread size, such as 2G12.
3XX	-3: 卡箍式, 后两位为卡箍最小外径, 如319。 -3: clamp, followed by the minimum outer diameter of the clamping, such as 319.
4XXX	-4: 法兰式, 后几位为孔位尺寸, 如43636。 -4: Flange, followed by the hole size, such as 43636.
5XXX	-5: 为90°弯角, 后几位为螺纹或法兰孔位尺寸, 如51G12、53636。 -5: right angle, followed by the thread or flange hole size, such as 51G12 53636.
6XXX	-6: 无具体意义, 特殊编号, 或为定制接口。 -6: customer specific.

产品命名规则

Part Numbers



颜色标识 Color identification	R: 红色; Y: 黄色; G: 绿色; B: 蓝色; P: 紫色; BR: 褐色; BL: 黑色 R: Red; Y: Yellow; G: Green; B: Blue; P: Purple; BR: brown; BL: black
主体材质 Body material	AL: 鋁 ; SS: 不銹鋼 ; BR: 黃銅 ; PA: PA AL: aluminum; SS: stainless steel; BR: brass; PA: PA
O型圈材质 O-ring material	E: EPDM, 三元乙丙橡胶, -20℃~+110℃; FK: FKM, 氟橡胶, -10℃~+110℃; N: NBR, 丁腈橡胶, -15℃~+110℃ FV: FVMQ, 氟硅橡胶, -40℃~+110℃; P: PTFE, 聚四氟乙烯, -50℃~+110℃; C: CR, 氯丁橡胶, -40℃~+110℃ FF: FFKM, 全氟橡胶, 0℃~+110℃ E: EPDM, EPDM rubber, -20℃~+110℃ FK: FKM, fluorocarbon rubber, -10℃~+110℃ N: NBR, Nitrile rubber, -15℃~+110℃ FV: FVMQ, EPDM rubber, -40℃~+110℃ P: PTFE, Teflon, -50℃~+110℃ C: CR, Neoprene, -40℃~+110℃ FF: FFKM, Perfluoro rubber, 0℃~+110℃
连接软管直径 Connecting hose diameter	8: 连接8mm内径软管 8: Connect 8mm inner diameter hose 10: 连接10mm内径软管 10: Connect 10mm inner diameter hose 12: 连接12mm内径 软管 12: Connect 12mm inner diameter hose 16: 连接16mm内径软管 16: Connect 16mm inner diameter hose 20: 连接20mm内径软管 20: Connect 20mm inner diameter hose

接口编号 The interface number	
1XXXX	-1: 内螺纹, 第二位便是螺纹类型 (M: 公制, G: G型螺纹, J: 美制螺纹), 后几位为螺纹大小, 如1G12。 -1: internal thread, followed by thread type (M: metric, G: G thread, J: American thread), followed by thread size, such as 1G12.
2XXXX	-2: 外螺纹, 第二位便是螺纹类型 (M: 公制, G: G型螺纹, J: 美制螺纹), 后几位为螺纹大小, 如2G12。 -2: external thread, followed by thread type (M: metric, G: G thread, J: American thread), followed by thread size, such as 2G12.
3XX	-3: 卡箍式, 后两位为卡箍最小外径, 如319。 -3: clamp, followed by the minimum outer diameter of the clamping, such as 319.
4XXX	-4: 法兰式, 后几位为孔位尺寸, 如43636。 -4: Flange, followed by the hole size, such as 43636.
5XXX	-5: 为90°弯角, 后几位为螺纹或法兰孔位尺寸, 如51G12、53636。 -5: right angle, followed by the thread or flange hole size, such as 51G12 53636.
6XXX	-6: 无具体意义, 特殊编号, 或为定制接口。 -6: customer specific.

产品命名规则

Part Numbers



颜色标识 Color identification	R: 红色; Y: 黄色; G: 绿色; B: 蓝色; P: 紫色; BR: 褐色; BL: 黑色 R: Red; Y: Yellow; G: Green; B: Blue; P: Purple; BR: brown; BL: black
主体材质 Body material	PA: PA
O型圈材质 O-ring material	E: EPDM, 三元乙丙橡胶, -20℃~+110℃; FK: FKM, 氟橡胶, -10℃~+110℃; N: NBR, 丁腈橡胶, -15℃~+110℃ FV: FVMQ, 氟硅橡胶, -40℃~+110℃; P: PTFE, 聚四氟乙烯, -50℃~+110℃; C: CR, 氯丁橡胶, -40℃~+110℃ FF: FFKM, 全氟橡胶, 0℃~+110℃ E: EPDM, EPDM rubber, -20℃~+110℃ FK: FKM, fluorocarbon rubber, -10℃~+110℃ N: NBR, Nitrile rubber, -15℃~+110℃ FV: FVMQ, EPDM rubber, -40℃~+110℃ P: PTFE, Teflon, -50℃~+110℃ C: CR, Neoprene, -40℃~+110℃ FF: FFKM, Perfluoro rubber, 0℃~+110℃
等效通流直径 Equivalent flow diameter	3: 流体有效截面积与直径3mm的圆面积相等 3: The effective cross-sectional area of the fluid is equal to the area of a circle with a diameter of 3mm 6: 流体有效截面积与直径5.5mm的圆面积相等 6: The effective cross-sectional area of the fluid is equal to the area of a circle with a diameter of 5.5mm 8: 流体有效截面积与直径8mm的圆面积相等 8: The effective cross-sectional area of the fluid is equal to the area of a circle with a diameter of 8mm 11: 流体有效截面积与直径11mm的圆面积相等 11: The effective cross-sectional area of the fluid is equal to the area of a circle with a diameter of 11mm 19: 流体有效截面积与直径19mm的圆面积相等 19: The effective cross-sectional area of the fluid is equal to the area of a circle with a diameter of 19mm
是否带阀 With valve or not	N: 不带阀 N: Without valve

接口编号 The interface number	
1XXXX	-1: 内螺纹, 第二位便是螺纹类型 (M: 公制, G: G型螺纹, J: 美制螺纹), 后几位为螺纹大小, 如1G12。 -1: internal thread, followed by thread type (M: metric, G: G thread, J: American thread), followed by thread size, such as 1G12.
2XXXX	-2: 外螺纹, 第二位便是螺纹类型 (M: 公制, G: G型螺纹, J: 美制螺纹), 后几位为螺纹大小, 如2G12。 -2: external thread, followed by thread type (M: metric, G: G thread, J: American thread), followed by thread size, such as 2G12.
3XX	-3: 卡箍式, 后两位为卡箍最小外径, 如319。 -3: clamp, followed by the minimum outer diameter of the clamping, such as 319.
4XXX	-4: 法兰式, 后几位为孔位尺寸, 如43636。 -4: Flange, followed by the hole size, such as 43636.
5XXX	-5: 为90°弯角, 后几位为螺纹或法兰孔位尺寸, 如51G12、53636。 -5: right angle, followed by the thread or flange hole size, such as 51G12 53636.
6XXX	-6: 无具体意义, 特殊编号, 或为定制接口。 -6: customer specific.

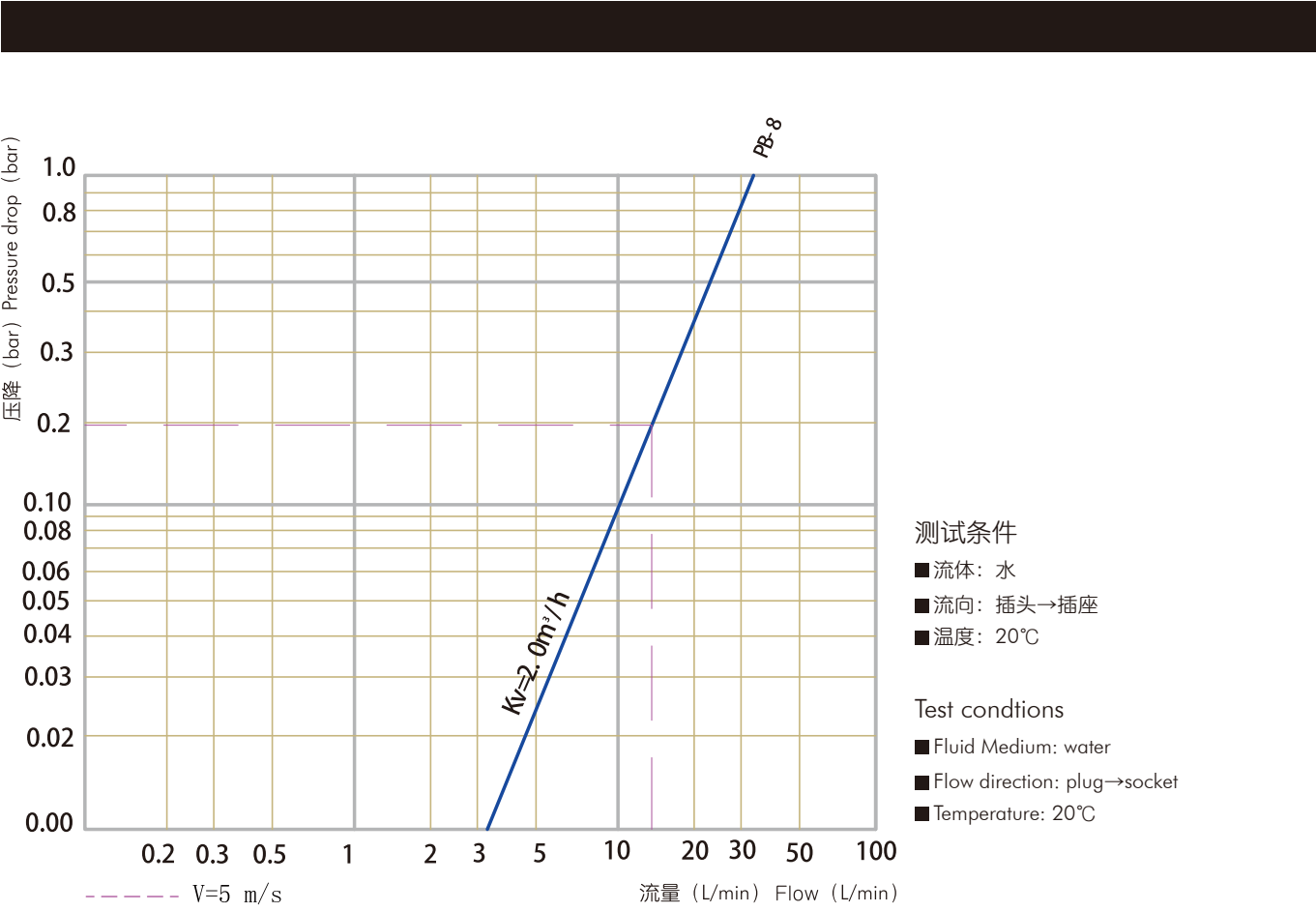
技术参数
Technical Parameter



工作温度 Working temperature	-40℃-+95℃	壳体材料种类 Body material	PA
交变湿热 Alternating humidity and heat	240h	密封件材料种类 Sealing material	丁腈橡胶、三元乙丙橡胶、氟硅橡胶可选 EPDM rubber, fluorosilicone rubber, fluorine-carbon rubber
盐雾测试 Salt spray test	≥168h	振动测试 Vibration test	按GJB360B-2009方法214, 连接器承受1MPa压力无泄漏 according to GJB360B-2009 method 214, the connector is subjected to 1 MPa pressure without leakage
机械寿命 Mating cycle	3000次插拔 3000 times of plugging	冲击测试 Impact test	按GJB360B-2009方法213, 连接器承受1MPa压力无泄漏 according to GJB360B-2009 method 213, the connector is subjected to 1 MPa pressure without leakage

产品型号 Product model	PP-8	PB-8	NV-8	NP-10	NP-16
最大工作压力 (bar) Maximum working pressure (bar)	20	20	20	20	20
最小爆破压力 (MPa) Minimum burst pressure (MPa)	3	3	3	3	3
流量系数 (m³/h) Flow coefficient (m³/h)	1.6	2.1	2.0	1.6	2.5
最大工作流量 (L/Min) Maximum working flow (L/Min)	15	15	15	15	40
单次插拔最大泄露量 (ml) Maximum leakage (ml)	0.3	0.3	/	/	/
最大插合力 (N) Maximum insertion force (N)	100	100	60	60	60

FBI流量曲线
FBI Flow Chart



以上数据仅供参考，具体参数以产品规格书为准。 The above parameters are for reference only,the specific parameters shall be subject to the product specifications.

→ PP-8

插头货号 Plug Item No.	插头接口图 Plug interface contour drawing	插头插座连接图 Plug and socket connection diagram	插座接口图 Socket interface contour drawing	插座货号 Socket Item No.
PP-8PPAER2M20				PP-8SPAER2G38
				PP-8SPAER310A
				PP-8SPAER36
				PP-8SPAER5310

插头货号 Plug Item No.	插头接口编号 Plug interface number	总长L1 Total length (mm)	接口长度L3 Interface length L3 (mm)	最大直径φD1 Maximum diameter ΦD1 (mm)	接口形式 Interface form
PP-8PPAER2M20	2M20	50.5	16.5	29	M20X1.5外螺纹

插座货号 Socket Item No.	插座接口编号 Socket interface number	总长L2 Total l ength L2 (mm)	接口长度L4 Interface length L4 (mm)	最大外形尺寸L5 Maximum external dimensionL5 (mm)	最大直径φD2 Maximum diameter ΦD2 (mm)	接口形式 Interface form
PP-8SPAER5310	5310	58	29	60	35	适配10mm内径软管
PP-8SPAER2G38	2G38	72.5	11	/	35	G3/8外螺纹
PP-8SPAER310A	310A	81.5	24	/	35	适配内径10mm，外径13.5mm软管
PP-8SPAER36	36	126	68	/	35	适配内径6mm，外径10mm软管

温馨提示

Notes

1. 以上插头插座可任意组合，整体(组合、成套)货号可两项相加如：PP-8PPAER2M20+PP-8SPAER5310。
The above plugs and sockets can be combined in any way, and the combined article number can be combined in two terms, such as BT-8PALER2J34+BT-8SALER42222.
2. 请根据接口形式选择对应货号。
Select the corresponding article number according to the form of interface.
3. 因结构或接口类型不同，流阻不同，流量系数仅供参考。
The flow resistance varies with the structure or interface type,and the flow coefficient is for reference only.
4. 如需详细尺寸数据，可联系我司技术人员获取。
For detailed size data ,please contact our technical staff to obtain.
5. 如无合适接口，可联系我司根据客户特殊定制。
If there is no appropriate interface, you can contact our company according to the customer's special customization.

以上数据仅供参考，具体参数以产品规格书为准。The above parameters are for reference only,the specific parameters shall be subject to the product specifications.

→ PB-8

插头货号 Plug Item No.	插头接口图 Plug interface contour drawing	插头插座连接图 Plug and socket connection diagram	插座接口图 Socket interface contour drawing	插座货号 Socket Item No.
PB-8PPAER2G14				PB-8SPAER316
				PB-8SPAER314
				PB-8SPAER310
				PB-8SPAER308
PB-8PPAER2M20				PB-8SPAER5316
				PB-8SPAER5312
				PB-8SPAER5310
				PB-8SPAER5308

插头货号 Plug Item No.	插头接口编号 Plug interface number	总长L1 Total length (mm)	接口长度L3 Interface length L3 (mm)	最大直径φD1 Maximum diameter ΦD1 (mm)	接口形式 Interface form
PB-8PPAER2G14	2G14	47.9	8	29	G1/4”外螺纹
PB-8PPAER2M20	2M20	52.5	17.2	29	M20X1.5外螺纹

插座货号 Socket Item No.	插座接口编号 Socket interface number	总长L2 Total l ength L2 (mm)	接口长度L4 Interface length L4 (mm)	最大外形尺寸L5 Maximum external dimensionL5 (mm)	最大直径φD2 Maximum diameter ΦD2 (mm)	接口形式 Interface form
PB-8SPAER5316	5316	57.2	26	57	35	适配16mm内径软管和14mm内径波纹管
PB-8SPAER5312	5312	57.2	26	57	35	适配14mm内径软管和12mm内径波纹管
PB-8SPAER5310	5310	57.2	26	57	35	适配10mm内径软管
PB-8SPAER5308	5308	57.2	26	57	35	适配8mm内径软管
PB-8SPAER316	316	93	31	/	35	适配16mm内径软管和14mm内径波纹管
PB-8SPAER314	314	90	27.5	/	35	适配14mm内径软管和12mm内径波纹管
PB-8SPAER310	310	86	23.5	/	35	适配10mm内径软管
PB-8SPAER308	308	86	23.5	/	35	适配8mm内径软管

以上数据仅供参考，具体参数以产品规格书为准。The above parameters are for reference only,the specific parameters shall be subject to the product specifications.

→ PB-8				
插头货号 Plug Item No.	插头接口图 Plug interface contour drawing	插头插座连接图 Plug and socket connection diagram	插座接口图 Socket interface contour drawing	插座货号 Socket Item No.
PB-8PPAER2G14				PB-8SPAER308A
				PB-8SPAER310A
PB-8PPAER2M20				PB-8SPAER314A
				PB-8SPAER316A

插头货号 Plug Item No.	插头接口编号 Plug interface number	总长L1 Total length L1 (mm)	接口长度L3 Interface length L3 (mm)	最大直径φD1 Maximum diameter φD1 (mm)	接口形式 Interface form
PB-8PPAER2G14	2G14	47.9	8	29	G1/4''外螺纹
PB-8PPAER2M20	2M20	52.5	17.2	29	M20X1.5外螺纹

插座货号 Socket Item No.	插座接口编号 Socket interface number	总长L2 Total l ength L2 (mm)	接口长度L4 Interface length L4 (mm)	最大直径φD2 Maximum diameter φD2 (mm)	接口形式 Interface form
PB-8SPAER308A	308A	88	30	35	适配8mm内径软管
PB-8SPAER310A	310A	84.5	27.5	35	适配10mm内径软管
PB-8SPAER314A	314A	88	31	35	适配14mm 内径软管和12mm 内径波纹管
PB-8SPAER316A	316A	88	31	35	适配16mm 内径软管和14mm 内径波纹管

防松脱尾部接口 *Anti-loose tail interface*

- 根据软管定制连接配合尺寸。
• Customize the connection size according to the hose.
- 软管爆裂前无泄漏。
• No leakage before hose burst.
- 软管拉断前无泄漏。
• No leakage before the hose is pulled off.

温馨提示 *Notes*

1. 以上插头插座可任意组合，整体(组合、成套)货号可两项相加如：PB-8PPAER2M20+PB-8SPAER5316。
The above plugs and sockets can be combined in any way, and the combined article number can be combined in two terms, such as PB-8PPAER2M20+PB-8SPAER5316.

2. 请根据接口形式选择对应货号。
Select the corresponding article number according to the form of interface.

3. 因结构或接口类型不同，流阻不同，流量系数仅供参考。
The flow resistance varies with the structure or interface type,and the flow coefficient is for reference only.

4. 如需详细尺寸数据，可联系我司技术人员获取。
For detailed size data ,please contact our technical staff to obtain.

5. 如无合适接口，可联系我司根据客户特殊定制。
If there is no appropriate interface, you can contact our company according to the customer's special customization.

以上数据仅供参考，具体参数以产品规格书为准。The above parameters are for reference only,the specific parameters shall be subject to the product specifications.

→ NV-8				
插头货号 Plug Item No.	插头接口图 Plug interface contour drawing	插头插座连接图 Plug and socket connection diagram	插座接口图 Socket interface contour drawing	插座货号 Socket Item No.
NV-8PPAER310				NV-8SPAER310

插头货号 Plug Item No.	插头接口编号 Plug interface number	总长L1 Total length L1 (mm)	接口长度L3 Interface length L3 (mm)	最大直径φD1 Maximum diameter φD1 (mm)	接口形式 Interface form
NV-8PPAER310	310	62.5	35.5	21.5	接内径10mm软管

插座货号 Socket Item No.	插座接口编号 Socket interface number	总长L2 Total l ength L2 (mm)	接口长度L4 Interface length L4 (mm)	最大外形尺寸L5 Maximum external dimensionL5 (mm)	最大直径φD2 Maximum diameter φD2 (mm)
NV-8SPAER310	310	63.3	43.3	35	接内径10mm软管

温馨提示 *Notes*

1. 以上插头插座可任意组合，整体(组合、成套)货号可两项相加如：NV-8PPAER310+NV-8SPAER310。
The above plugs and sockets can be combined in any way, and the combined article number can be combined in two terms, such as NV-8PPAER310+NV-8SPAER310.

2. 请根据接口形式选择对应货号。
Select the corresponding article number according to the form of interface.

3. 因结构或接口类型不同，流阻不同，流量系数仅供参考。
The flow resistance varies with the structure or interface type,and the flow coefficient is for reference only.

4. 如需详细尺寸数据，可联系我司技术人员获取。
For detailed size data ,please contact our technical staff to obtain.

5. 如无合适接口，可联系我司根据客户特殊定制。
If there is no appropriate interface, you can contact our company according to the customer's special customization.

以上数据仅供参考，具体参数以产品规格书为准。The above parameters are for reference only,the specific parameters shall be subject to the product specifications.

→ NP-10/16

插头货号 Plug Item No.	插头接口图 Plug interface contour drawing	插头插座连接图 Plug and socket connection diagram	插座接口图 Socket interface contour drawing	插座货号 Socket Item No.
NP-10PALE2M22/NP-16PALE2M22				NP-10SPOE5310
				NP-16SPOE5310

插头货号 Plug Item No.	插头接口编号 Plug interface number	总长L1 Total length L1 (mm)	接口长度L3 Interface length L3 (mm)	最大直径ΦD1 Maximum diameter ΦD1 (mm)	接口形式 Interface form
NP-10PALE2M22	2M22	57.5	16	33	M22X1.5外螺纹
NP-16PALE2M22	2M22	56.5	16	33	M22X1.5外螺纹

插座货号 Socket Item No.	插座接口编号 Socket interface number	总长L2 Total l engh L2 (mm)	接口长度L4 Interface length L4 (mm)	最大外形尺寸L5 Maximum external dimensionL5 (mm)	最大直径ΦD2 Maximum diameter ΦD2 (mm)	接口形式 Interface form
NP-10SPOE5310	5310	51.5	24.5	53	31	适配10mm内径软管
NP-16SPOE5310	5310	51.5	24.5	53	32	适配10mm内径软管

温馨提示

Notes

1. 以上插头插座可任意组合，整体(组合、成套)货号可两项相加如：NP-10PALE2M22+NP-10SPOE5310。
The above plugs and sockets can be combined in any way, and the combined article number can be combined in two terms, such as NP-10PALE2M22+NP-10SPOE5310.
2. 请根据接口形式选择对应货号。
Select the corresponding article number according to the form of interface.
3. 因结构或接口类型不同，流阻不同，流量系数仅供参考。
The flow resistance varies with the structure or interface type,and the flow coefficient is for reference only.
4. 如需详细尺寸数据，可联系我司技术人员获取。
For detailed size data ,please contact our technical staff to obtain.
5. 如无合适接口，可联系我司根据客户特殊定制。
If there is no appropriate interface, you can contact our company according to the customer's special customization.

以上数据仅供参考，具体参数以产品规格书为准。The above parameters are for reference only,the specific parameters shall be subject to the product specifications.

TPP

推拉式流体快速连接器
PUSH-PULL Type Fluid Connector



安全环保 Safe & Environmental

- 双向平面密封，连接/断开无滴漏。
- 平面密封设计，既方便清洁，又避免污质受染物。
- 插头、插座均配有保护套，防止在运输中密封面受污染。
- 有断开卸压选型需求，请联系我司。

- Bi-directional flat sealed design ensures no leakage during connection and disconnection.
- Flat sealed design is is easy to clean and prevents the entry of pollutants.
- Plug and socket are equipped with protective caps to prevent the sealing surface from being polluted during transportation.
- Please contact us if you have requirement of avoiding high pressure of the equipment after disconnection.

稳定可靠 Stable & Reliable

- 钢珠锁紧&内部长导向结构，适用更大的机械应力环境。
- 有多种密封材质O型圈可选，适应不同介质温度需求，保证密封效果长期稳定可靠。
- 插头插座连接处O型圈的径向设计，保证在连接时，阀门打开前已完成密封。

- Steel ball locking and internal long guiding structure is suitable for greater mechanical stress environment.
- A variety of sealing material O-rings are available to meet the temperature requirements of different media and guarantees long term stable & reliable sealing performance.
- The radial design of the O-ring at the connection of the Plug and Socket ensures that the sealing function has been reached before the valve is opened during connection.

方便快捷 Convenient

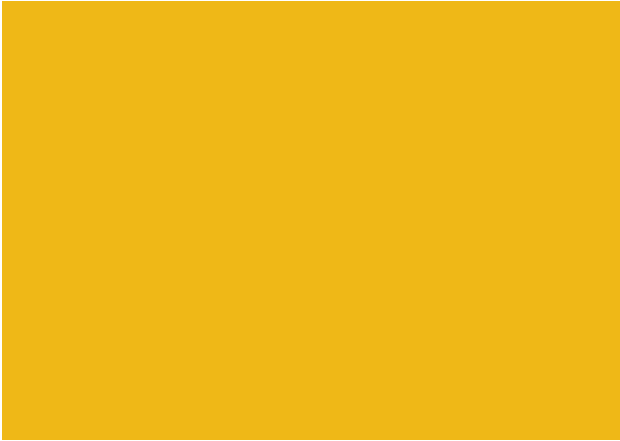
- 钢珠锁紧，推入即可锁紧连接并密封，操作轻松，方便快捷。
- 多种颜色选择，快速辨别不同回路。
- G外螺纹默认带密封圈，使安装更方便，密封更轻松。
- 凸肩和滚花的长锁紧环更容易抓握和断开。

- Steel ball locking, connection with sealing is done after pushing in, which is convenient to operate.
- Multiple color options for quick identification of different circuits.
- G external thread with O-ring makes installation more convenient and sealing easier.
- Long locking rings with raised shoulder and knurls are easier to grip and disconnect.

个性化定制 Customized

- 可定制接头尾端匹配接口，方便安装。
- 定制软管集成，美观，降低泄漏风险。
- 其他定制要求请咨询我司。

- Providing customized end-fitting for easy installation.
- Providing customized hose integration, aesthetically pleasing, reducing risk of leakage.
- Please feel free to contact us for other customized request.



应用领域 Application Fields

- 航空航天、军工防务等领域 Aerospace, military defense and other fields
- 医疗设备 Medical equipment
- 数据中心、超级计算机 Data center, Supercomputer
- 核能、风电、光伏（储能、变流器）等新能源领域
Nuclear energy, wind power, photovoltaic(energy storage, converters) and other new energy fields
- 轨道交通 、新能源汽车 Rail transit, New energy vehicles
- 工业 Industry

流体 Fluids

- 冷却液 Coolant
- 去离子水 Deionized water
- 水-乙二醇 Glycol Water
- 导热油 Heat transfer oils
- 酯类 Esters
- 煤油 Kerosene
- PAO

产品命名规则
Part Numbers

基础型号		补充选项，后缀信息	
TPP	03S	G18F	SS - NB - 00 - RD
		颜色 Colour	RD 红色 GN 绿色 YW 黄色 BK 黑色 BU 蓝色
		角度 Angle	00 直通 90 90度弯头 45 135度弯头
		密封圈 Sealing	NB 丁腈橡胶NBR（默认） FF 高氟橡胶FFKM EP 乙丙橡胶EPDM CR 氯丁橡胶CR FM 氟碳橡胶FPM/FKM/Viton PT 特氟龙PTFE FV 氟硅橡胶FVMQ
		材料 Material	SS 不锈钢316L（默认） AL 铝合金 BR 铜
		内外螺纹 Internal and external threads	F 内螺纹 M 外螺纹
		G/R/N/J螺纹尺寸 Size	M螺纹尺寸 Size
		18 1/8 32 1-1/2吋	08 M8螺纹
		14 1/4 01 1吋	12 M12螺纹
		38 3/8 02 2吋	21 M21螺纹
		12 1/2 04 4吋	
		34 3/4	
		H08 接08内径的橡胶软管	
		S10 接10mm外径的不锈钢管	
		B810 接8x10的铜管	
		T812 接8x12的塑料管	
		F3636 法兰孔36x36	
		连接方式 Connection method	H 软管Hose S 不锈钢管 SS B 铜管 Brass J UNF螺纹JIC37 °锥 ISO8434 M M螺纹 T 扣压塑料管TUBE F 法兰Flange
		插头插座 Plug socket	S 插座 P 插头
		等效通径 Equivalent diameter	03 □径3mm 09 □径9mm 20 □径20mm 05 □径5mm 10 □径10mm 25 □径25mm 06 □径6mm 12 □径12mm 50 □径50mm 08 □径8mm 16 □径16mm 00 □径100mm
		类目名称 Category name	B 自动连接平面密封 BBT 卡口 S 不含锁紧系统 BTG 三曲槽 T 其他 BSL 钢珠自锁 SCB 盲插 SDB 位移盲插 TPP 推拉平面密封 TSF 螺纹锁紧连接 TPB 按钮金属接头

密封材料的选用
Selection of sealing materials



材质 Material	编码 Code	工作温度 Working temperature	应用 Application
丁腈橡胶 NBR	NB	-15 ~ + 100 C	1、一般应用 2、良好的机械强度 1. General applications. 2. High mechanical strength.
氟碳橡胶 FPM、FKM、Viton	FM	-10 ~ + 200 C	1、良好的耐化学性 2、优异的耐高温性能，可用于最高200 °C的应用 3、适用于矿物油、合成液压油、燃料、化学产品、碳氢化合物和导热流体回路 1. Good chemical resistance. 2. Outstanding resistance to hightemperatures up to 200 C. 3. Resistance to mineral oils, synthetichydraulic oils, fuels, chemicals,hydrocarbons and coolants.
乙丙橡胶 EPDM	EP	-20 ~ + 150 C	1、优异的耐高温性 2、适用于磷酸盐酯型制动液，冷、热水，蒸汽 3、注意介质回路各部件不能使用含矿物油的情况 1. Excellent resistance to high temperatures. 2. Compatible with phosphate-based brakefluids - esters, hot and cold water, steam. 3. Pay attention to the use of mineral oil in the components of the medium circuit
高氟橡胶 FFKM	FF	0 ~ + 250 C	1、兼具弹性体和聚四氟乙烯耐化学腐蚀性的特点 2、具有很好的耐热性和耐多数化学剂 3、适用于导热流体 1. Combines the qualities of an elastomerwith the chemical resistance of PTFE. 2. Remarkable resistance to heat and mostchemical agents including inorganic andorganic acids. 3. Coolants.
氟硅橡胶 FVMQ	FV	-45 ~ + 175 C	1、最大工作压力：50 bar 2、良好的耐低温和耐高温性能 3、适用于矿物油、燃料 1. Max. working pressure: 50 bar. 2. Good resistance to low and hightemperatures. 3. Resistance to mineral oils, fuels.
聚四氟乙烯 PTFE	PT	-50 ~ + 200 C	1、最大工作压力：80 bar 2、良好的耐化学性 3、优异的耐低温和耐高温性能 4、比弹性体的性能更优异 1. Max. working pressure: 80 bar. 2. Excellent chemical resistance. 3. Very good resistance to low and hightemperatures. 4. Superior performance to elastomers.
氯丁橡胶 CR	CR	-40 ~ + 100 C	耐老化，特别适用于制冷液 Good resistance to ageing andrefrigerants.

为了选择最能满足您应用需求的解决方案，建议向我们提供如下准确信息:

In order to choose the solution that best meets your application needs, it is recommended to provide us with the following accurate information:

1、流体类型 2、工作压力 3、工作温度 4、水溶液的盐和酸浓度 5、特别的使用条件

1. Fluid type 2. Work pressure 3. Working temperature 4. Salt and acid concentration of aqueous solution 5. Special usage conditions

若需咨询，请随时联系我们的技术专家。
我们经验丰富的快速连接器专家，为您提供最贴心的服务。
If you need any inquiries, please feel free to contact our technical experts.
Our experienced quick connector experts provide you with the most thoughtful service.

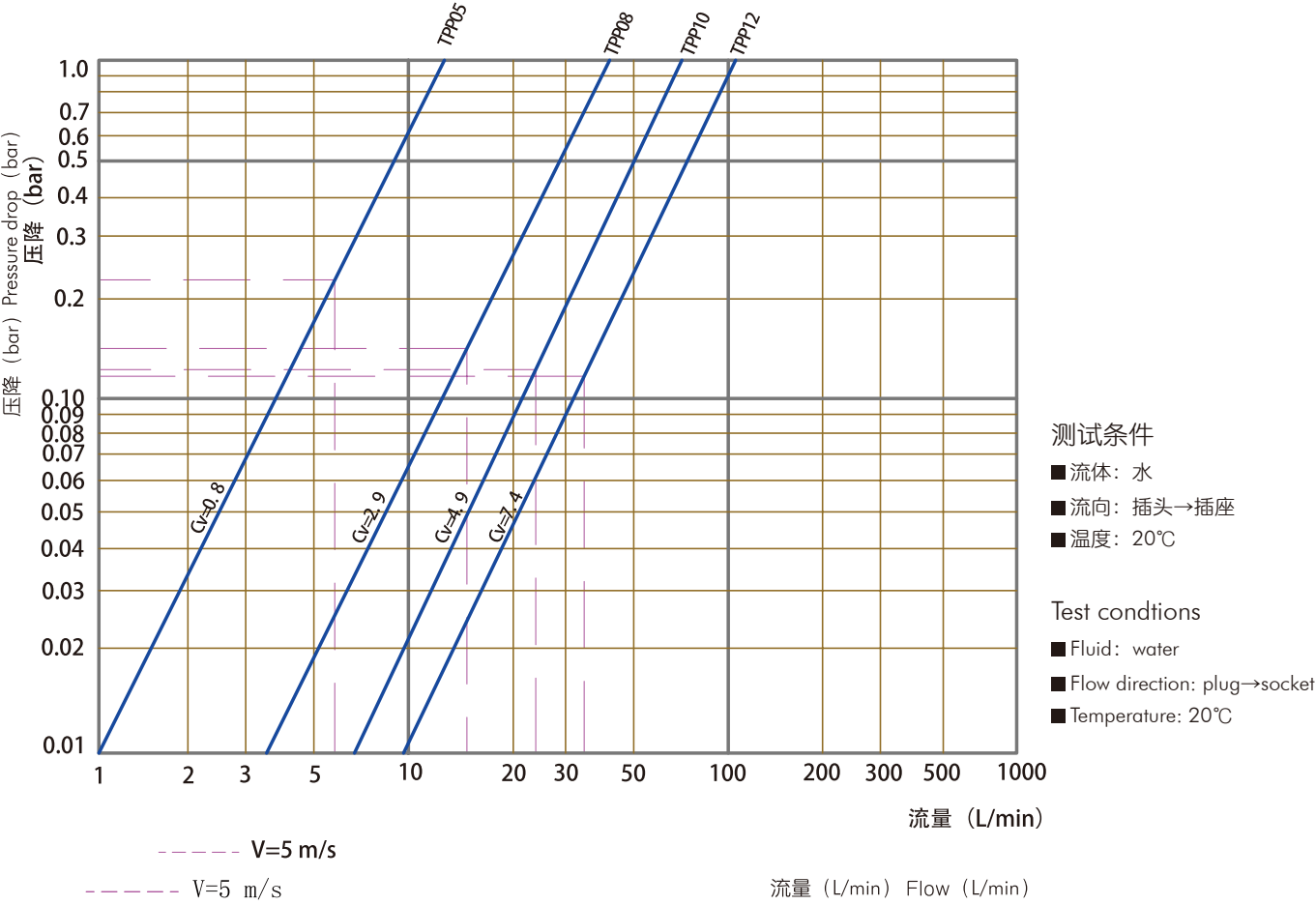


技术参数
Technical Parameter



普通型 Regular Type				
产品型号 Product model	TPP05	TPP08	TPP10	TPP12
额定工作压力 (bar) Maximum working pressure (bar)	40	20	20	20
Kv值 (m³/h) Kv (m³/h)	0.7	2.5	4.2	6.3
额定工作流量 (L/Min) Maximum working flow (L/Min)	5.88	15.07	23.55	33.90
单次插拔最大泄露量 (ml) Maximum leakage (ml)	0.02	0.02	0.03	0.05

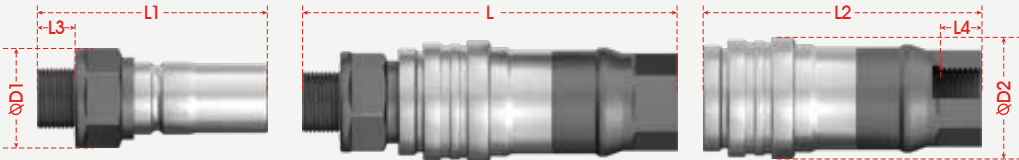
TPP流量曲线
TPP Flow Chart



→ TPP05

插头插座连接图
Plug and socket connection diagram

$L=L1+L2-X$
 $X=16.5mm$



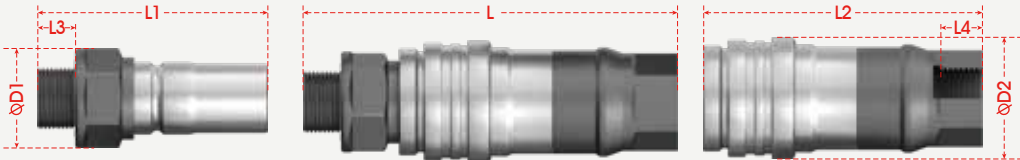
	Picture	End Fitting Type	L1	L2	L3	L4	D1	D2	Hex	Product model
插头		G14外螺纹	44	/	10	/	19	/	17	TPP 05P G14M
		G14外螺纹	/	56.5	/	11	/	22	18	TPP 05S G14M
插座		G14内螺纹	/	52.5	/	12	/	22	17	TPP 05S G14F

若需咨询其他尾端连接方式，请随时联系我们的技术专家。
我们经验丰富的快速连接器专家，为您提供最贴心的服务。
If you need to inquire about other end fitting, please feel free to contact our technical experts.
Our experienced quick connector experts provide you with the most thoughtful service.

→ TPP08

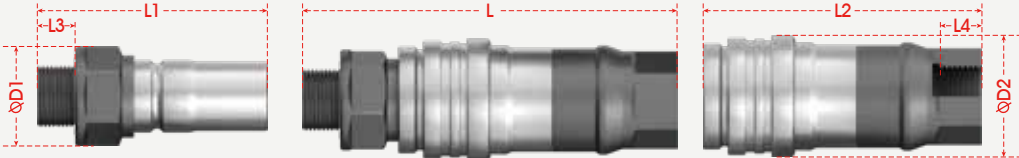
插头插座连接图
Plug and socket connection diagram

$L=L1+L2-X$
 $X=16.5mm$

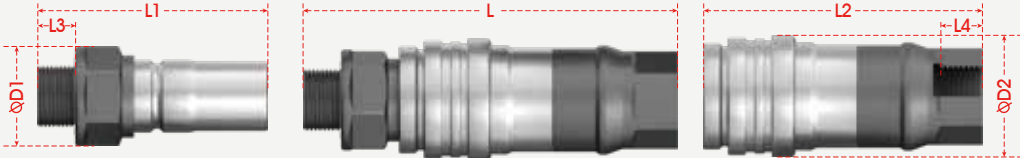


	Picture	End Fitting Type	L1	L2	L3	L4	D1	D2	Hex	Product model
插头		G38外螺纹	52	/	10.5	/	23.5	/	21	TPP 08P G38M
		G12外螺纹	54.5	/	14.5	/	26	/	24	TPP 08P G12M
插座		G38外螺纹	/	60.5	/	12	/	30	24	TPP 08S G38M
		接内径14mm软管	/	76.5	/	18	/	30	26	

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→ TPP10										
插头插座连接图 Plug and socket connection diagram										
L=L1+L2-X X=16.5mm 										
	Picture	End Fitting Type	L1	L2	L3	L4	D1	D2	Hex	Product model
插头		G12外螺纹	70	/	13	/	30	/	27	TPP 10P G12M
插座		G12内螺纹	/	76	/	14	/	37.5	30	TPP 10S G12F

若需咨询其他尾端连接方式，请随时联系我们的技术专家。
我们经验丰富的快速连接器专家，为您提供最贴心的服务。
If you need to inquire about other end fitting, please feel free to contact our technical experts.
Our experienced quick connector experts provide you with the most thoughtful service.

→ TPP12										
插头插座连接图 Plug and socket connection diagram										
L=L1+L2-X X=16.5mm 										
	Picture	End Fitting Type	L1	L2	L3	L4	D1	D2	Hex	Product model
插头		G12外螺纹	78.8	/	13	/	34	/	30	TPP 12P G12M
插座		G12内螺纹	/	95.5	/	14	/	41.6	30	TPP 12S G12F

若需咨询其他尾端连接方式，请随时联系我们的技术专家。
我们经验丰富的快速连接器专家，为您提供最贴心的服务。
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Our experienced quick connector experts provide you with the most thoughtful service.

透气泄压系列
Breathable and Pressure Relief Series



产品介绍
Product Introduction



尼龙透气阀
Nylon Ventilation Plug



金属透气阀
Metal Ventilation Plug



金属防爆泄压阀
Metal Pressure Relief Value

防水透气阀
Ventilation Plug



产品描述 Product description

- 在经过多种严酷环境影响后，密封件经常会受到损伤而失效，导致壳体内部电子元件受外部污染所损伤。倍仕得防水透气产品可有效平衡压力并防止外界污染进入，使户外电子设备的安全性、可靠性大大增加，延长产品使用寿命。

After a variety of harsh environmental effects, seals are often damaged and fail, resulting in external contamination of the internal electronic components of the housing. BEISIT waterproof and breathable products can effectively balance pressure and prevent outside pollution from entering, greatly increasing the safety and reliability of outdoor electronic equipment and extending the service life of products.

应用领域 Application

- 储能，轨道交通，新能源汽车，通讯基站，风力发电，太阳能光伏，电力电气，户外照明，安防设备，仪表 & 传感器，机械制造，船舶港机，工业自动化。

Energy storage,Railway,New energy vehicles(NEV),Telecommunication station base(TBS),Wind energy,Solar energy,Electrical engineering, Outdoor lighting,Security system,Instruments & Sensors,Machinery building,Shipping & Port cranes,Industrial Automation.

防水透气阀的优点 Advantages of Ventilation Plug

- 安全：**在箱体内部压力变化时可有效平衡壳体内外压力差，提升箱体使用寿命。
Safety: when the pressure inside the box changes, it can effectively balance the pressure difference inside and outside the shell and improve the service life of the box.
- 稳定：**经受极端恶劣的环境条件仍可以保障良好的防水及透气性能。
Stability: it can still ensure good waterproof and air permeability under extreme environmental conditions.
- 可靠：**产品所选用材料具有良好的耐温性、抗紫外性及耐化学性。
Reliable: the selected materials of the product have good temperature resistance, UV resistance and chemical resistance.
- 便捷：**采用螺纹结构，锁紧后即可使用。
Convenient: threaded joint is adopted, which can be used after locking.

金属防水透气阀
Metal Ventilation Plug

→ M

CEIP67RoHSREACH

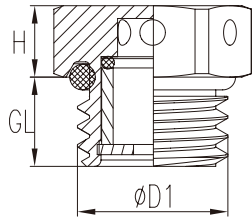
材料 Material: 镀镍黄铜、铝、不锈钢 Nickel-plated brass,Aluminum,Stainless steel
O型圈 O-Ring: EPDM (可选硅橡胶, TPV, 氟橡胶等 optional material,Silicone Rubber,TPV,FPM)
工作温度 Working temperature: -40℃ to100℃

O型圈默认预装！ All O rings are pre-assembled as standard.

Thread ØD1	H mm	GL mm	φ mm	Air Volume ml/min@70mbar	Product Model
M5 x 0.8	3.5	4	8	≥100	M5-VPBR
M12 x 1.5	5.6	7	14	≥2500	M12-VPBR



PROFILE



尼龙防水透气阀
Nylon Ventilation Plug

→ M

CEIP67RoHSREACH

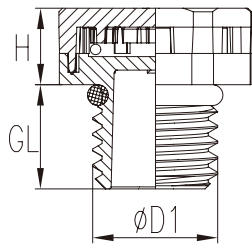
材料 Material: 采用UL认可的尼龙材料 PA(NYLON),UL94V-2
防水圈 Seal: EPDM(可选硅橡胶, TPV等 optional material Silicone Rubber ,TPV)
O型圈 O-Ring: EPDM(可选硅橡胶, TPV, 氟橡胶等 optional material,Silicone Rubber,TPV,FPM)
工作温度 Working temperature: -40℃ to100℃
颜色种类 Color: 灰色、黑色，其他颜色可定做 Grey(RAL7035), Black(RAL9005), other colors customized.
材料种类 Material options: V0或F1可定做 V0, or F1 can be offered upon request.

如需其他材料或者颜色，请垂询！ Other material or Colors upon request.

O型圈默认预装！ All O rings are pre-assembled as standard.

Thread ØD1	H mm	GL mm	φ mm	Air Volume ml/min@70mbar	Product Model
M12 x 1.5	7.3	10	17	≥1600	M12-VPB-S
M24 x 1.5	8.8	12	30	≥13000	M24-VPB-S
M40 x 1.5	14.8	13	53	≥43300	M40-VPB-S

PROFILE



备注：以上THREAD.φ.Shield.D1.H.GL尺寸可根据客户定制 Remarks: Dimension for Thread.φ.Shield.H.GL.W can be customized



D50系列防爆泄压阀
D50 Pressure Relief Value

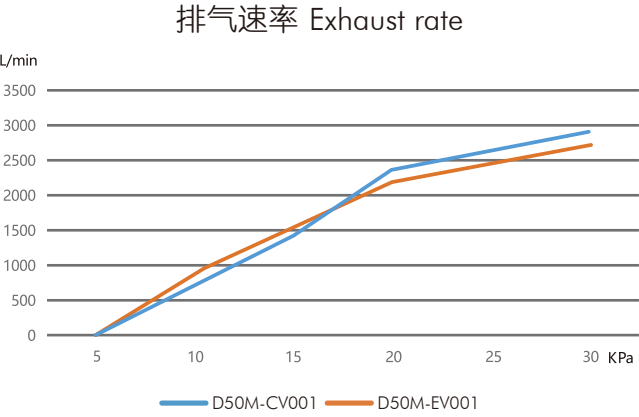
→ M

IP67RoHSUL

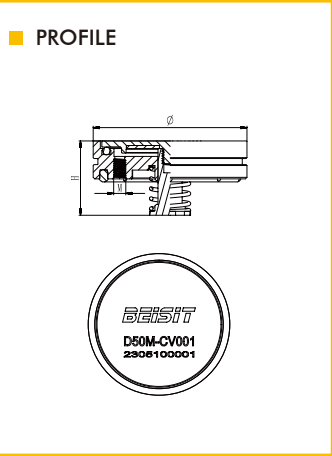
材料 Material: 6063-T3、304、430
防水圈 Seal: 硅橡胶 Silicone Rubber
工作温度 Working temperature: -40℃ to130℃

O型圈默认预装！ All O rings are pre-assembled as standard.
防爆压力可根据客户要求定制！ Ex-proof Pressure can be customized per request.

Thread ØD1	φ mm	H mm	M mm	Air Volume	Opening Pressure	Accessory
D50M-CV001	50	24.5	M4 x 0.7-6H	/	4Kpa	/
D50M-EV001	50	29.8	M4 x 0.7-6H	≥300 ml 1.5Kpa	4Kpa	Sheath
D50M-EV002	50	28	M4 x 0.7-6H	≥300 ml 1.5Kpa	4Kpa	/



备注：以上THREAD.φ.Shield.D1.H.GL尺寸可根据客户定制 Remarks: Dimension for Thread.φ.Shield.H.GL.W can be customized



M40系列防爆泄压阀
M40 Pressure Relief Value

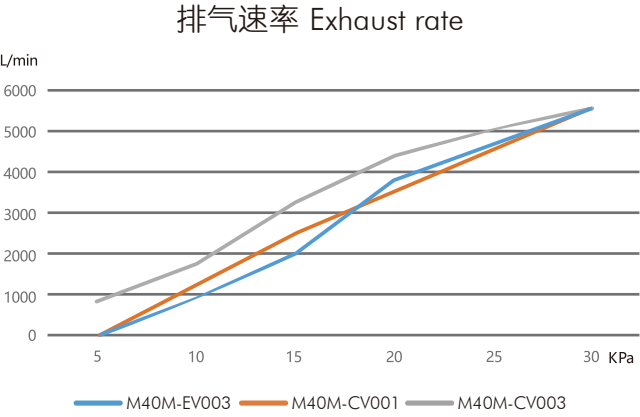
→ M

IP67RoHSUL

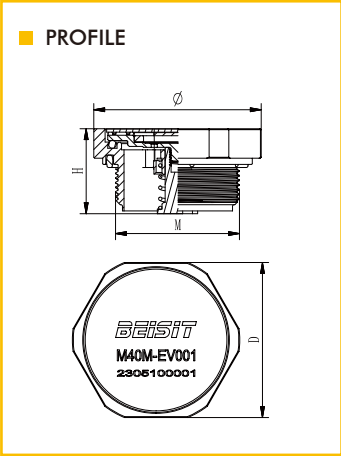
材料 Material: 6063-T3、304、430
防水圈 Seal: 硅橡胶 Silicone Rubber
工作温度 Working temperature: -40℃ to130℃

O型圈默认预装！ All O rings are pre-assembled as standard.
防爆压力可根据客户要求定制！ Ex-proof Pressure can be customized per request.

Thread ØD1	φ mm	H mm	M mm	D mm	Air Volume	Opening Pressure	Accessory
M40M-CV001	54	24.5	M40*1.5-6g	50	/	4Kpa	No nut
M40M-CV002	54	24.5	M40*1.5-6g	50	/	4Kpa	/
M40M-CV003	54	24.5	M40*1.5-6g	50	/	2.5Kpa	/
M40M-EV001	54	28	M40*1.5-6g	50	≥300 ml 1.5Kpa	4Kpa	No nut
M40M-EV002	54	28	M40*1.5-6g	50	≥300 ml 1.5Kpa	4Kpa	Fire Block Function
M40M-EV003	54	28	M40*1.5-6g	50	≥300 ml 1.5Kpa	4Kpa	/



备注：以上THREAD.φ.Shield.D1.H.GL尺寸可根据客户定制 Remarks: Dimension for Thread.φ.Shield.H.GL.W can be customized



防爆泄压阀
Pressure Relief Valve

→ M

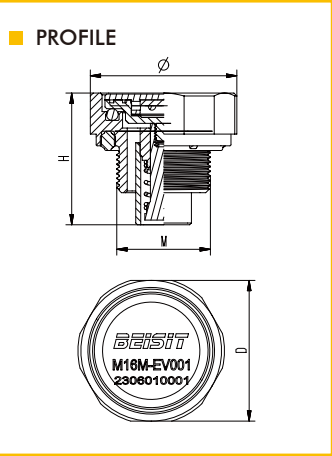
IP67RoHSUL

材料 Material: 6063-T3、304、430
防水圈 Seal: 硅橡胶 Silicone Rubber
工作温度 Working temperature: -40℃ to130℃

O型圈默认预装！ All O rings are pre-assembled as standard.
防爆压力可根据客户要求定制！ Ex-proof Pressure can be customized per request.

Thread ØD1	φ mm	H mm	M mm	D mm	Air Volume	Opening Pressure	Accessory
M8M-EV001	17	20	M12*1.5-6g	19	≥100 ml/min 1.5Kpa	10KPa	/
M12M-EV001	18.3	22.5	M12*1.5-6g	19	≥100 ml/min 1.5Kpa	10KPa	/
M16M-EV001	25	22.47	M16*1.5-6g	24	≥230 ml/min 2.5Kpa	5KPa	Sheath
M20M-EV001	29.5	20	M20*1.5-6g	27	≥250 ml/min 2.5Kpa	15Kpa	/
M32M-EV001	48	27.4	M32*1.5-6g	44	≥100 ml/min 1.5Kpa	4Kpa	/

备注：以上THREAD.φ.Shield.D1.H.GL尺寸可根据客户定制 Remarks: Dimension for Thread. φ .Shield.H.GL.W can be customized



电缆保护系列
Cable Protection Series





信号保护罩
Signal Protection Shield



尼龙电缆固定头
Nylon Cable Glands



尼龙多孔电缆固定头
Nylon Multiple-Entry



定制尼龙闷盖
Customization Nylon Screw Plug



多孔方形密封穿线板
Cable Entry Plates-square type
with Multi-Entry



宝塔型密封穿线板
Cable Entry Grommets



多孔圆形密封穿线板
Perforated Circular Sealing
Threading Plate



单孔穿线护套
Single Hole Threading Sheath



应用领域 Application

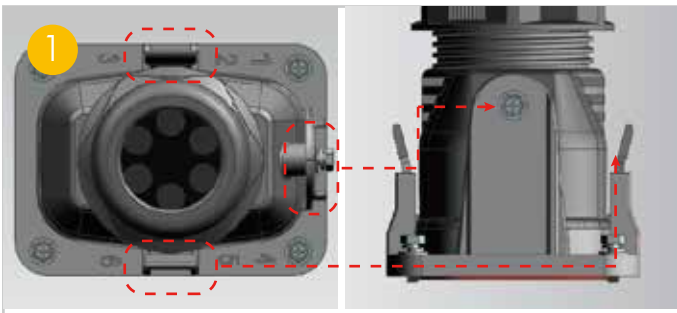
- 光伏逆变器，储能逆变器等
Photovoltaic inverter, energy storage inverter, etc

特性 Features

- 安装简易方便 Easy installation
- 抗腐蚀性强 Strong corrosion resistance
- 绝缘外壳牢固耐用，阻燃等级高 The insulation shell is firm and durable, with a high flame retardant grade
- 防护等级高 High electrical protection level
- 可同时紧固多芯线束 Available for multi-core bundle cable entry in parallel simultaneously

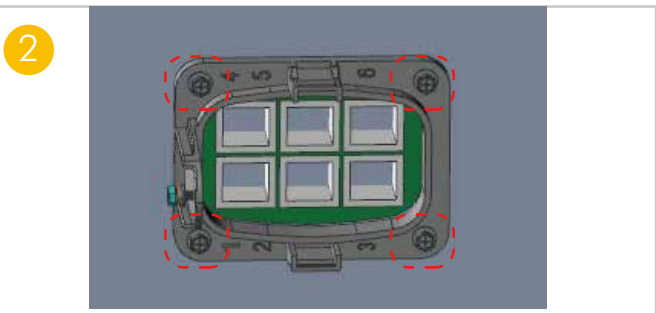
在开始安装前，请仔细阅读所有说明。
Please read all instructions carefully before installation.

1



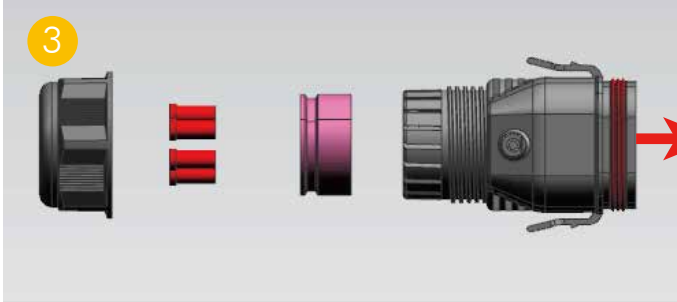
使用工具将M3螺丝拧松（同时操作锁紧机构），使得信号保护罩壳体与底座分离。
Use a tool to loosen the M3 screws (while operating the locking mechanism), so that the shell of the signal protection cover is separated from the base.

2



使用电动螺丝批，将底座上的4颗M4防松脱螺丝和底座，安装在箱体的预留槽位上。
Install the four M4 fastening screws and the base in the reserved slots of the chassis using an electric screw batch.

3



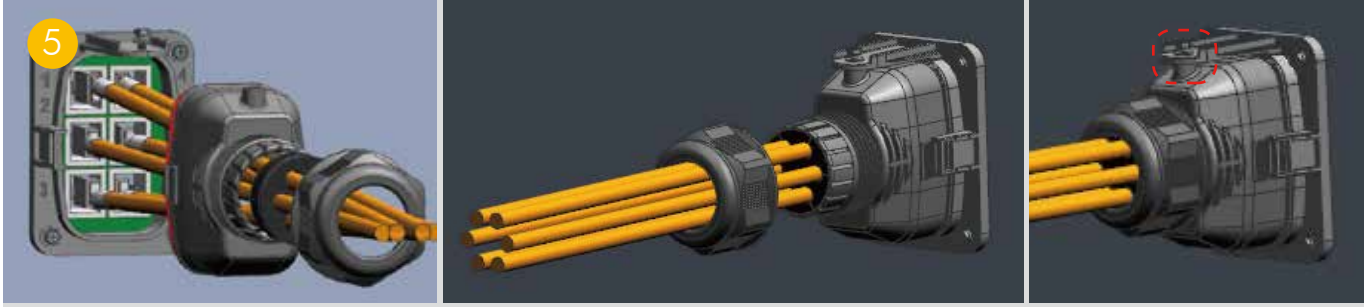
依次将螺母、塞棒、防水圈从保护罩壳体分离开。
Separate the nut, plug rod and waterproof ring from the protective cover shell in turn.

4



将压接好水晶头的线缆依次穿过螺母、防水圈（已切缝）、壳体。
Pass the cable with the crystal connector through the nut, waterproof ring (slit), and shell in turn.

5



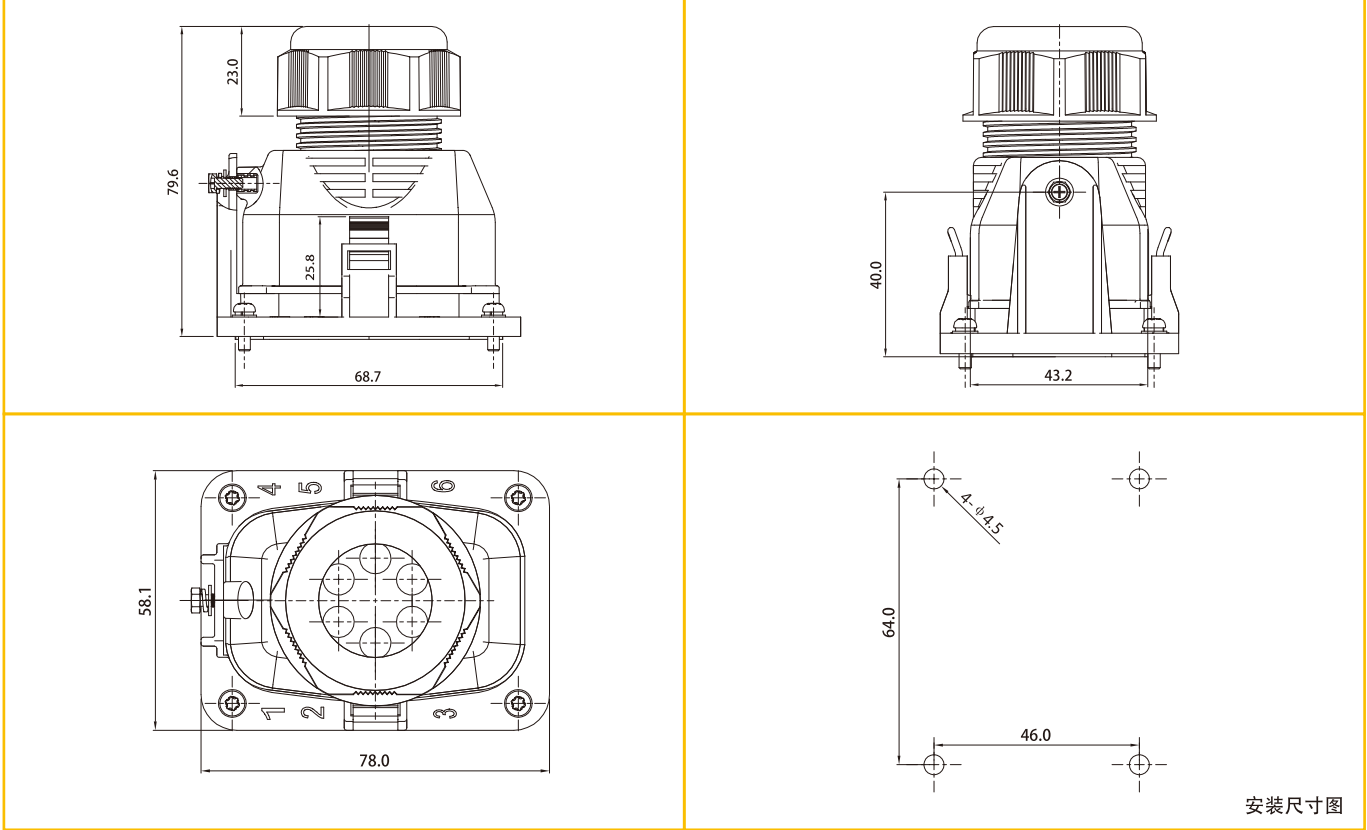
先将线束水晶头与设备内部板端接口进行连接，再将插座壳体插入底座进行固定。
First connect the wiring harness crystal head with the internal plate end interface of the device, and then insert the socket shell into the base for fixing.

将防水圈装入插座壳体，并参考扭力标准锁紧螺母；最后使用工具将M3螺钉锁紧，即完成整套产品安装。
Put the waterproof ring into the socket housing, and lock the nut with reference to the torque standard; Finally, use tools to lock M3 screws to complete the installation of the whole set of products.

材料处理 Material processing			
塞棒 Stopper	耐候橡胶 Weatherproof rubber	矩形垫圈 Rectangular Washer	硅胶 Silica gel
螺帽 Nut	PA6	组合螺钉 Combination screw	不锈钢 Stainless steel
多孔防水圈 Porous waterproof ring	三元乙丙 EPDM	壳体 Housing	PA6
带齿防水圈 Gasket: Purple copper	硅胶 Silica gel	预埋螺母 Embedded nut	黄铜 Brass
底座 Base	PA66		

技术参数 Technical parameter			
颜色 Color	黑色 Black RAL9005	产品盐雾测试 Product salt spray test	满足48h中性盐雾测试 Meet the 48h neutral salt spray test
阻燃等级 Flame retardant grade	UL94 V-2		
防护等级 Level of protection	IP67	线径范围 Cable bundle diameter range	6 x 6.2mm
环保属性 Environmental attributes	RoHS2.0	扭矩安装扭力 The torque of the nut	8-10N.m
工作温度 Operating temperature	-40 C ~ +100 C		

外形尺寸 Dimension



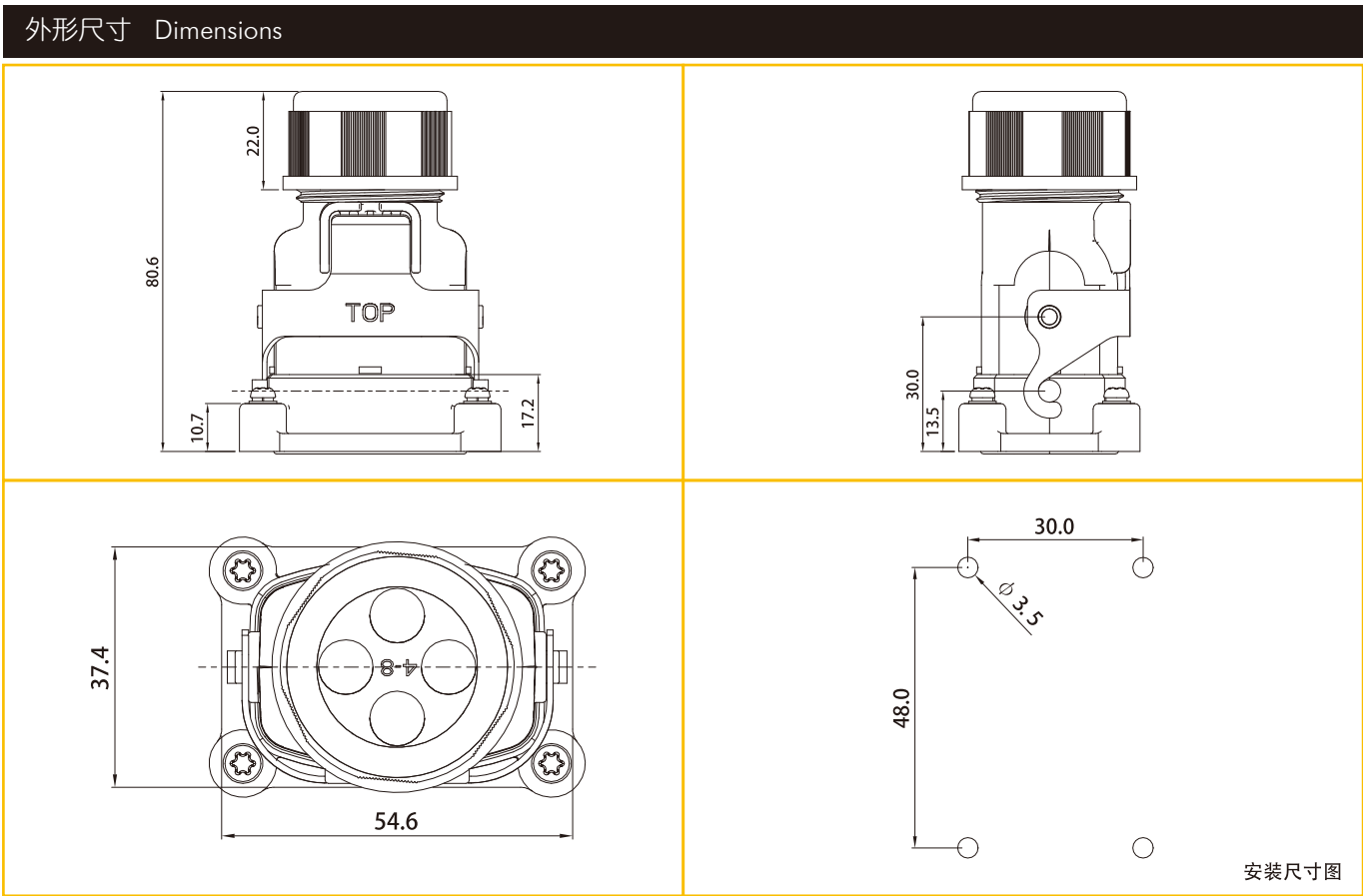
安装尺寸图

M33-H4-6-COM信号保护罩
M33-H4-6-COM Signal Entry Protection Shield



材料处理 Material processing			
塞棒 Stopper	PA	矩形圈 Rectangular circle	硅胶 Silica gel
螺帽 Nut	尼龙加纤 Nylon plus fibe	组合螺钉 Combination screw	不锈钢 Stainless steel
多孔防水圈 Porous waterproof ring	耐候橡胶 Weather resistant rubber	壳体 Housing	PA6
矩形垫圈 Rectangular Washer	硅胶 Silica gel	板扣 Plate buckle	不锈钢、钝化 Stainless steel, passivation
底座 Base	尼龙加纤 Nylon plus fibe	护套 Sheath	不锈钢、钝化 Stainless steel, passivation

技术参数 Technical parameter			
颜色 Color	黑色 (YB207)	产品盐雾测试 Product salt spray test	满足24h中性盐雾测试 Meet the 24h neutral salt spray test
阻燃等级 Flame retardant grade	UL94 V-0		
防护等级 Level of protection	IP66	线径范围 Line diameter range	4-8 mm
环保属性 Environmental attributes	RoHS2.0	迫帽安装扭力 The torque of the nut	6-9 N.m
工作温度 Operating temperature	-40 C ~+100 C		

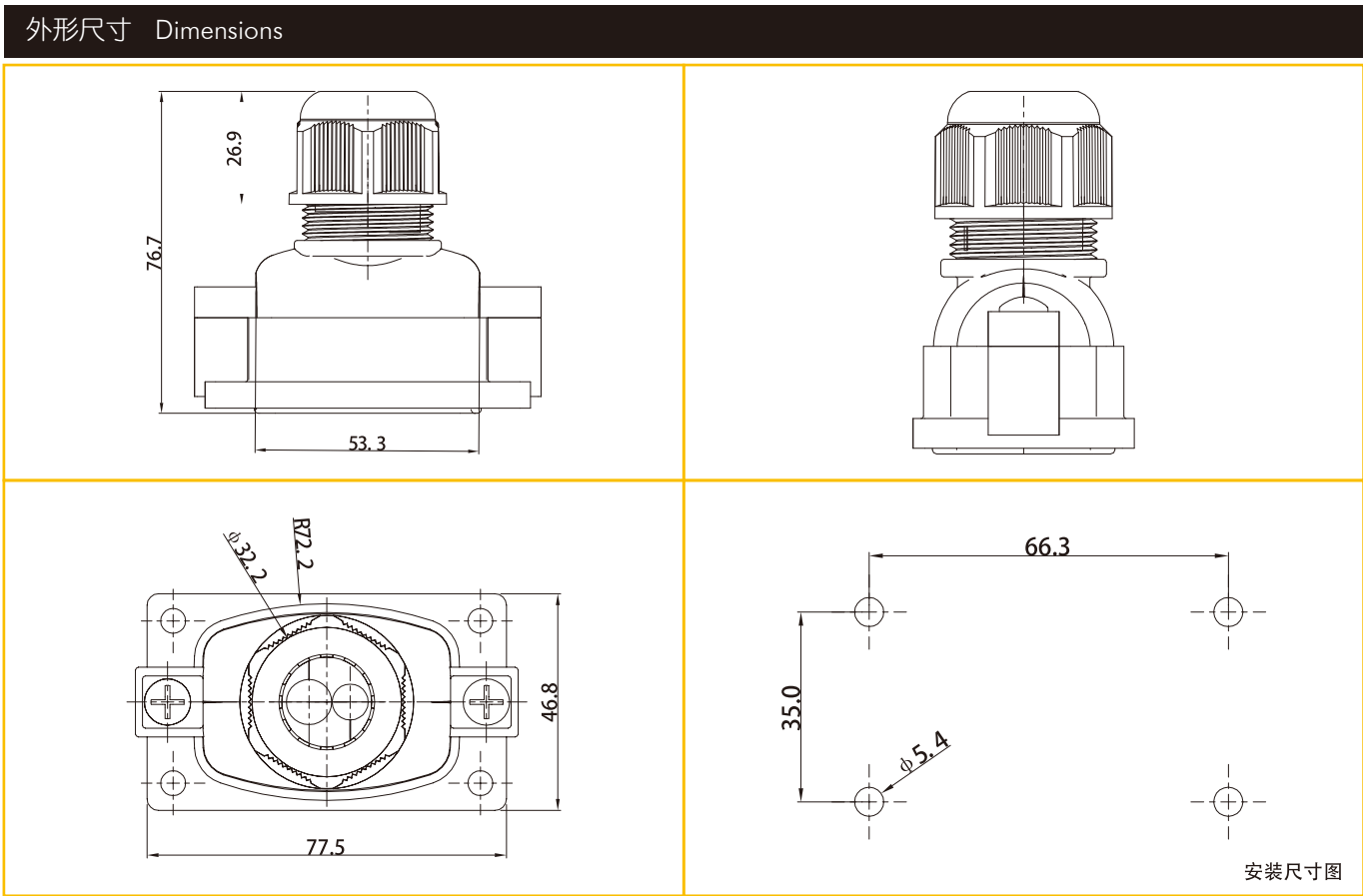


M25-H2-01/02 信号保护罩
M25-H2-01/02 Signal Entry Protection Shield



材料处理 Material processing			
塞棒 Stopper	耐候橡胶 Weather resistant rubber	矩形圈 Rectangular circle	硅胶 Silica gel
螺帽 Nut	PA6	组合螺钉 Combination screw	不锈钢、达克罗 Stainless steel, Dacromet
多孔防水圈 Porous waterproof ring	耐候橡胶 Weather resistant rubber	壳体 Housing	尼龙加纤 Nylon plus fibe
矩形垫圈 Rectangular Washer	硅胶 Silica gel	夹紧爪 Clamping claw	PA6
底座 Base	尼龙加纤 Nylon plus fibe	预埋螺母 Insert nut	不锈钢、钝化 Stainless steel, passivation

技术参数 Technical parameter			
颜色 Color	黑色 (YB207)	产品盐雾测试 Product salt spray test	满足24h中性盐雾测试 Meet the 24h neutral salt spray test
阻燃等级 Flame retardant grade	UL94 V-0		
防护等级 Level of protection	IP67	线径范围 Line diameter range	(5+5) mm、(5+7) mm
环保属性 Environmental attributes	RoHS2.0	迫帽安装扭力 The torque of the nut	5-6 N.m
工作温度 Operating temperature	-40 C ~+100 C		



M型电缆固定头

M型多孔电缆固定头

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M型圆形尼龙阀盖

多孔圆形密封穿线板
Perforated Circular Sealing Threading Plate

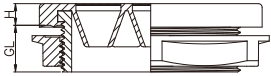
支撑板材料 Plate: 聚酰胺（适用于螺纹连接）镀锌板、不锈钢板、铝板（适用于法兰连接）
PA（For Thread Version）Zinc Plated、Stainless steel、Aluminum（For Flange Version）
弹性体材料 Elastomer: 合成橡胶 Synthetic rubber
工作温度 Working temperature: -40 C to100 C
颜色 Materia Color: 灰色(RAL 7035)、黑色(RAL9005) Grey(RAL7035), Black(RAL9005)
防护等级 IP rating: IP66/68
阻燃等级 Flammability Rating: UL94-V0

Thread ØD1	Product Model	mm	H mm	D mm	thread length	Cut-out dimensions
M32 x 1.5	BST-TP-M32	3x (3.2-6.5) 1x (7.2-12.5)	5	44	11	32.3
M40 x 1.5	BST-TP-M40	4x (3.2-6.5) 4x (5-10.2)	5	52	13	40.3
M50 x 1.5	BST-TP-M50	5x (5-10.2) 3x (7.2-12.5)	5	62	13	50.4
M63 x 1.5	BST-TP-M63	1x (3.2-6.5) 3x (5-10.2) 4x (9-16.2) 1x (16-22)	5	75	14	63.4
PG48	P4853-TB	1x (43-53)	13	67	16	59.7

备注：圆形型螺纹连接法兰连接可选 Remark：Round Shape Grommets available to flange version



PROFILE



宝塔型密封穿线板
Cable Entry Grommets

支撑板材料 Plate: 聚酰胺（适用于螺纹连接）镀锌板、不锈钢板、铝板（适用于法兰连接）
PA（For Thread Version）Zinc Plated、Stainless steel、Aluminum（For Flange Version）
弹性体材料 Elastomer: 合成橡胶 Synthetic rubber
工作温度 Working temperature: -40 C to100 C
颜色 Materia Color: 灰色(RAL 7035)、黑色(RAL9005) Grey(RAL7035), Black(RAL9005)
防护等级 IP rating: IP66/68
阻燃等级 Flammability Rating: UL94-V0

Thread ØD1	Product Model	mm	D mm	thread length	Cut-out dimensions
M25 x 1.5	BST-PT-M25	3-12	39	11	25.2
M32 x 1.5	BST-PT-M32	6-18	46	11	32.3
M40 x 1.5	BST-PT-M40	12-27	54	13	40.3
M50 x 1.5	BST-PT-M50	22-36	64	13	50.4
M63 x 1.5	BST-PT-M63	27-50	77	14	63.4
M75 x 2.0	BST-PT-M75	39-60	90	14.5	75.5

备注：宝塔型螺纹连接法兰连接可选 Remark：Cone shape Grommets available to flange version

宝塔型密封穿线板
Cable Entry Grommets

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PA（For Thread Version）Zinc Plated、Stainless steel、Aluminum（For Flange Version）
弹性体材料 Elastomer: 合成橡胶 Synthetic rubber
工作温度 Working temperature: -40 C to100 C
颜色 Materia Color: 灰色(RAL 7035)、黑色(RAL9005) Grey(RAL7035), Black(RAL9005)
防护等级 Protection Class: IP67
阻燃等级 Flammability Rating: UL94-V0

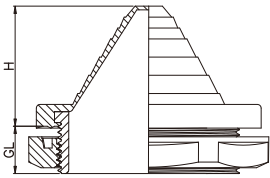
Product Model	mm	H mm	L mm	W mm	Cut-out dimensions
BST-PT-55	10-35	38.5	68	66	55*57.5

备注：卡接型 Remark：Clamping type

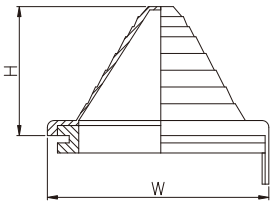
注：其他型号可根据需求定制 Note:Other models can be customized according to customer requirements



PROFILE



PROFILE

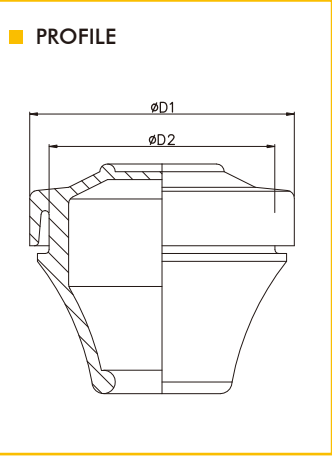
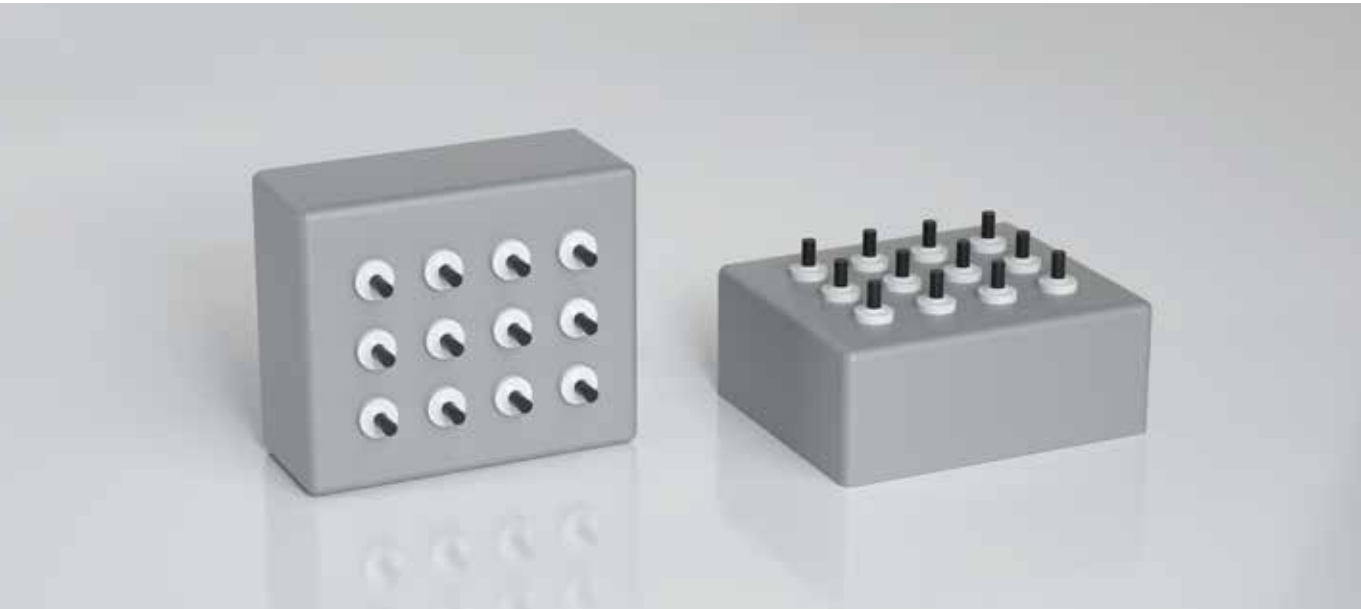


单孔穿线护套
Single Hole Threading Sheath

弹性体材料 Elastomer: 合成橡胶 Synthetic Rubber
工作温度 Working temperature: -40 C to100 C
颜色 Materia Color: 灰色(RAL 7035)、黑色(RAL9005) Grey(RAL7035), Black(RAL9005)
防护等级 IP rating: IP67
阻燃等级 Flammability Rating: UL94-V0

Product Model	mm	(φ D1) Max.O.D	(φ D2) hole sizes	Plate Thickness
BST-SS-5	3-5	20	13	1-5
BST-SS-7	5-7	20	16	1-5
BST-SS-10	7-10	24	19	1-5
BST-SS-14	10-14	29	23	1-5
BST-SS-17	11-17	30.5	25.5	1-4
BST-SS-20	14-20	34	29	1-5
BST-SS-26	20-26	46	38	1-5
BST-SS-35	26-35	57	48	1-5
BST-SS-45	30-45	69	60	1-5
BST-SS-60	40-60	89	80	1-5

备注：适用于中低电流的线缆密封 Remark : For Low Current Rating Cable Sealing



安装尺寸
Installation Dimension

型号 Type	安装尺寸图 Cut-out dimensions	连接方式/适用地区 Connect Way/ Application Area
A		法兰连接/适用于全球大部分地区 Flange Connection/ Apply for most area all over the world
B		
C		
D		
E		
F		



倍仕得电气科技(杭州)股份有限公司

光伏储能系统连接器选型