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让连接更省心
 Let The Connection Easily

万捷电子

WANJIE ELECTRONIC

M12 圆形连接器

M12 Circular Connector

VERSION 2021

ISO14001 ISO80079-34 ISO9001:2008   **RoHS**



企业简介

INTRODUCTION

万捷电子创建于1992年,公司坐落于浙江省慈溪市,是一家从事接线端子及工业连接器类研发,设计,加工,生产,销售及服务一体化的专业制造商,产品包含螺钉式PCB接线端子,插拔式接线端子,弹簧PCB式接线端子, MCS多用途接线器,贯通式接端子, 栅栏式接线端子, 圆形连接器等系列,广泛应用于电力控制, 自动化控制, 电梯, 仪器仪表, 通讯, 电源, 安防, 照明, 轨道交通, 船舶, 工业设备网络信号传输等相关领域。产品畅销于世界各地,并深受客户的一致好评。

WANJIE was founded in 1992, we are located in Cixi City, Zhejiang Province. we are a professional manufacturer engaged in the research and development, design, processing, production, sales and service of terminal blocks and industrial connectors. Its products include screw PCB terminal blocks, plug-in terminal blocks, spring PCB terminal blocks, MCS multi-purpose terminal blocks, through terminal blocks and fence terminal blocks, Circular connector series. It is widely used in power control, automation control, elevator, instrument, communication, power supply, security, lighting, rail transit, ship, industrial equipment network signal transmission and other related fields. The products sell well all over the world and have received by customers.

检测设备

TESTING EQUIPMENT

万捷电子拥有领先的生产设备,丰富专业知识和经验的研发团队,公司本着对完美品质的不懈追求,在塑料成型,金属加工,产品装配等每个环节上严格贯彻ISO9001质量体系,并采用国际先进的检测设备对产品进行相关的性能测试,最大限度满足客户的需求。

WANJIE Company has advanced production equipment, a wealth of professional knowledge and experience to ensure the coordination between development and production. Based on the pursuit of perfect quality, we implement the ISO9001 Quality Control System in the each step, such as, the plastic housing processing, metal parts production, surface treatment, assemble and so on. On the other hand, we adopt the advance testing equipment to make systematic testing in each circle in the production, so that to meet the exacting demands of customers.

研发创新

R&D INNOVATION

万捷电子诚邀国内外行业精英,设立研发中心,建立技术创新平台。基于此研发和技术创新平台,公司对市场做出更快速的反应、集成多方资源,为国内外客户提供最直接、最优质的技术支持等服务。

万捷电子将研发与市场的需求紧密相结合,与最终用户共同合作,创造出具有国际竞争力的产品。

WANJIE Company invites many industry elites to set up R&D center, and establish the technological innovation platform, basing on the platform, we can make faster reaction on the market, and integrate all resources to provide the market, and integrate all resources to provide the most direct and best service for all of our customers.

WANJIE Company also make a closely integration between research and market, and cooperate with end customers, to create an international competitive products.

销售网络

MARKETING NETWORK

万捷电子经过多年的发展,以高质量的产品,优质的服务和强大的物流体系,获得客户的信赖,并在全球建立了全面的销售网络,以便我们能及时与客户沟通和提供服务,达到合作共赢,共同发展。

Through many years development, basing on high quality and excellent service, we have established a comprehensive sales network in the world, we also built lots of offices in many regions so that we can make a timely communication with customers, and provide a good promise and guarantee accordingly.



研发创新 R&D INNOVATION

接线端子专业制造商



OUR ETERNAL PURPOSE:

Excellence, quality first, service-oriented, continuous improvement and customer satisfaction

我们的宗旨:

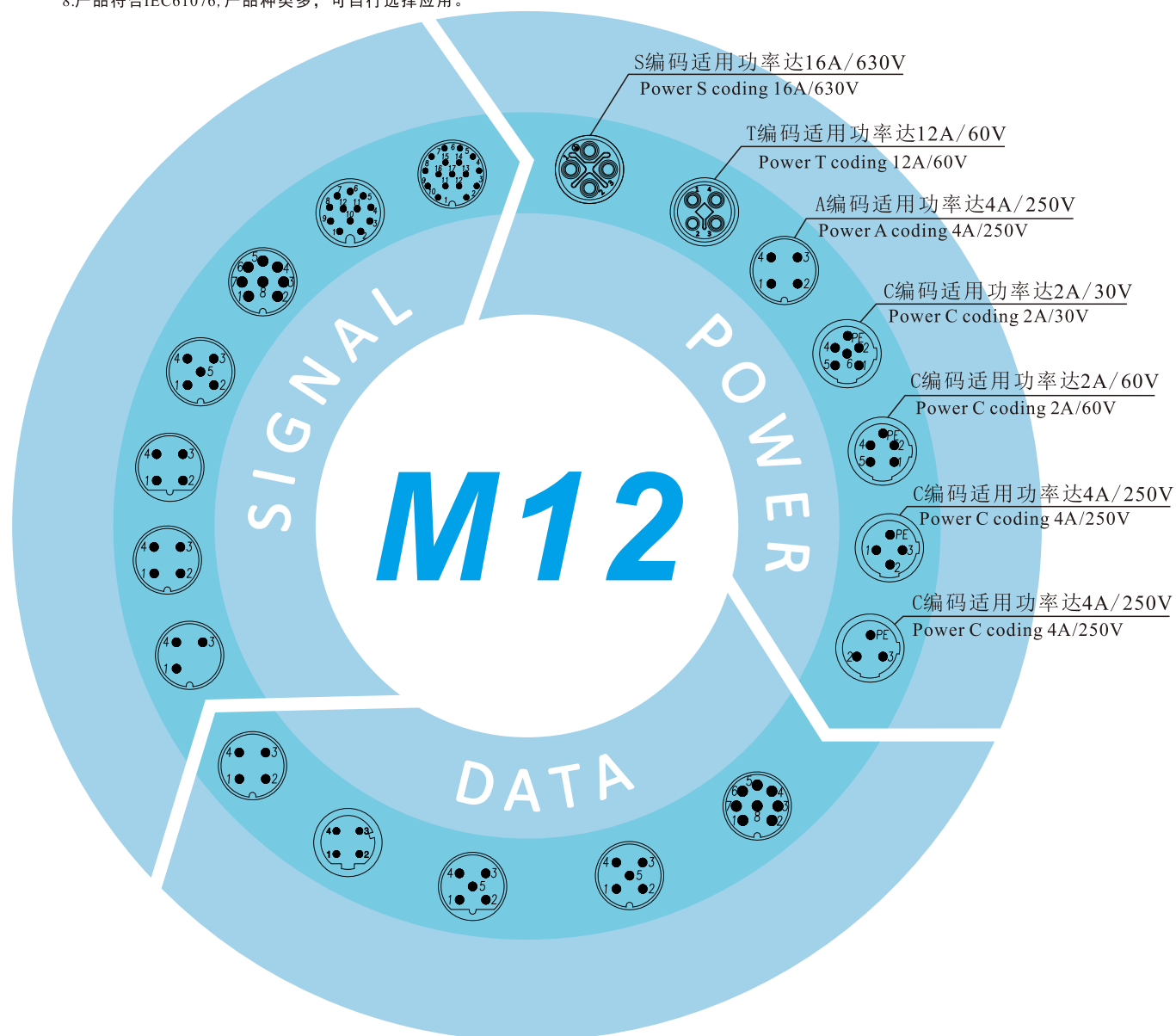
精益求精，质量为先，服务第一，持续改善，顾客满意

Product advantages

1. Electrical connection can be used to transmit Signal, Data, Power supply and Application in different fields.
2. Screw Twist butt joint, Stable electrical performance, Can be used in continuous impact, Vibration and other applications.
3. Good sealing performance, Protection grade up to IP67, IP68 or IP69K.
4. Shielding optional: non shielding, shielding, Grounding.
5. Connection technology applicable to various occasions.
6. Different coding connectors are provided with anti dazzle and anti wrong insertion features.
7. It can be matched and inserted with the same series of connectors of the same industry in the market.
8. There are many kinds of products conforming to IEC61076, Which can be applied by yourself.

产品优势

1. 电气连接可用于传输信号，数据，电源，应用各不同领域。
2. 螺纹旋扭对插连接，电气性能稳定，可用于持续冲击，振动等应用环境。
3. 密封性能佳，防护等级可达IP67,IP68或IP69K。
4. 屏蔽性可选：非屏蔽，屏蔽，接地。
5. 适用于各种场合的连接技术。
6. 不同编码连接器，带有防呆，防止插错特点。
7. 可与市场同行同系列连接器互配对插。
8. 产品符合IEC61076, 产品种类多，可自行选择应用。



M12 circular connector series is suitable for signal, data and power transmission of industrial electronic equipment. WanJie can provide various innovative equipment connectors and connector cables for customers.

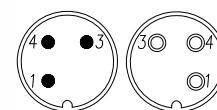
M12 圆形连接器系列，适用于工业设备的信号、数据、电源等传输，万捷可为客户配合提供各种不同创新型设备连接器线缆。

Signal 信号

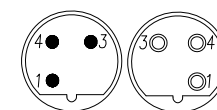
M12 Contact layout and Wire Colors / M12针脚分布和芯线颜色

M12 Device Connector / M12 设备连接器

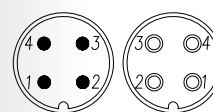
M12 Male/Female Contact layout:(M12 公/母Pin位分布图)



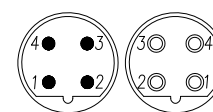
3PIN A-Coding



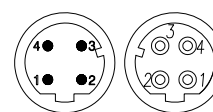
3PIN B-Coding



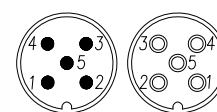
4PIN A-Coding



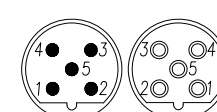
4PIN B-Coding



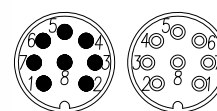
4PIN D-Coding



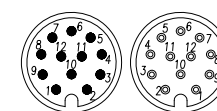
5PIN A-Coding



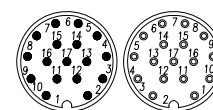
5PIN B-Coding



8PIN A-Coding



12PIN A-Coding



17PIN A-Coding

PIN位	3PIN A&B-Coding	
1	BN(棕)	
NC		
3	BU(蓝)	
4	BK(黑)	

PIN位	4PIN A&B-Coding	4PIN D-Coding
1	BN(棕)	YE(黄)
2	WH(白)	WH(白)
3	BU(蓝)	OG(橙)
4	BK(黑)	BU(蓝)

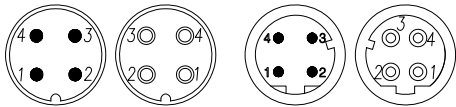
PIN位	5PIN A-Coding	5PIN B-Coding
1	BN(棕)	BN(棕)
2	WH(白)	WH(白)
3	BU(蓝)	BU(蓝)
4	BK(黑)	BK(黑)
5	GY(灰)	GY(灰)

PIN位	8PIN A-Coding	12PIN A-Coding
1	WH(白)	BN(棕)
2	BN(棕)	BU(蓝)
3	GN(绿)	WH(白)
4	YE(黄)	GN(绿)
5	GY(灰)	PK(粉)
6	PK(粉)	YE(黄)
7	BU(蓝)	BK(黑)
8	RD(红)	GY(灰)
9		RD(红)
10		VT(紫)
11		GY/PK(灰/粉)
12		RD/BU(红/蓝)

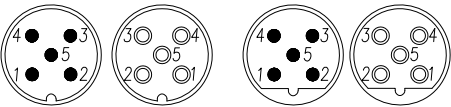
PIN位	17PIN A-Coding	
1	BN(棕)	
2	BU(蓝)	
3	WH(白)	
4	GN(绿)	
5	PK(粉)	
6	YE(黄)	
7	BK(黑)	
8	GY(灰)	
9	RD(红)	
10	VT(紫)	
11	GY/PK(灰/粉)	
12	RD/BU(红/蓝)	
13	WH/GN(白/绿)	
14	BN/GN(棕/绿)	
15	WH/YE(白/黄)	
16	YE/BN(黄/棕)	
17	WH/GY(白/灰)	

M12 Device Connector / M12 设备连接器

Data 数据



4PIN A-Coding 4PIN D-Coding



5PIN A-Coding 5PIN B-Coding

FOUNDATION Fieldbus 4PIN A-Coding			
PIN位	芯线颜色 Wire Colors		信号传输 Signal Transmission
1	BU(蓝)		DATA-
2	OG(橙)		DATA+
3			Shield屏蔽
4			

CANopen ® DeviceNet ™ 5PIN A-Coding			
PIN位	芯线颜色 Wire Colors		信号 CANopen ® DeviceNet ™
1	Shield 屏蔽		Drain
2	RD(红)		V+
3	BK(黑)		V-
4	WH(白)		CAN_H
5	BU(蓝)		CAN_L

Shield Pipe 屏蔽管

CC-Link 4PIN A-Coding			
PIN位	芯线颜色 Wire Colors		信号传输 Signal Transmission
1	Shield屏蔽		SLD
2	WH(白)		DB
3	YE(黄)		DG
4	BU(蓝)		DA

INTERBUS 5PIN B-Coding			
PIN位	芯线颜色 Wire Colors		信号传输 Signal Transmission
1	YE(黄)		DO
2	GN(绿)		DO
3	GY(灰)		DI
4	PK(粉)		DI
5	BN(棕)		COM
-	WH(白)		NC

Shield Pipe 屏蔽管

Ethernet/以太网 4PIN D-Coding			
PIN位	芯线颜色 Wire Colors		信号传输 Signal Transmission
1	WH/OG 白/橙		TD+
2	WH/GN 白/绿		RD+
3	OG(橙)		TD-
4	GN(绿)		RD-

Shield Pipe 屏蔽管

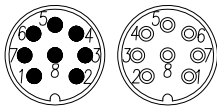
PROFIBUS 现场总线 5PIN B-Coding			
PIN位	芯线颜色 Wire Colors		信号 PROFIBUS
1	—		—
2	GN(绿)		A电缆
3	—		—
4	RD(红)		B电缆
5	填充李兹线		—

Shield Pipe 屏蔽管

AS 接口 4PIN A-Coding			
PIN位	芯线颜色 Wire Colors		信号传输 Signal Transmission
1	BU(蓝)		AS-i+
2	WH(白)		
3	BN(棕)		AS-i-
4	BK(黑)		

PROFINET/EtherCAT/Ser-cos 4PIN D-Coding			
PIN位	芯线颜色 Wire Colors		信号传输 Signal Transmission
1	YE(黄)		TD+
2	WH(白)		RD+
3	OG(橙)		TD-
4	BU(蓝)		RD-

M12 Device Connector / M12 设备连接器



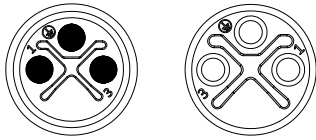
8PIN A-Coding

Ethernet/以太网 8PIN A-Coding			
PIN位	芯线颜色 Wire Colors		Signal 信号 Ethernet/以太网
1	WH/BU 白/蓝		D3-
2	WH/BN 白/棕		D4+
3	BN(棕)		D4-
4	OG(橙)		D1-
5	WH/GN 白/绿		D2+
6	WH/OG 白/橙		D1+
7	BU(蓝)		D3+
8	GN(绿)		D2-

VARAN 8PIN A-Coding			
PIN位	芯线颜色 Wire Colors		信号传输 Signal Transmission
1	NC		
2	OG(橙)		TD-
3	WH/OG 白/橙		TD+
4	NC		
5	WH/GN 白/绿		RD+
6	BU(蓝)		
7	BN(棕)		
8	GN(绿)		RD-

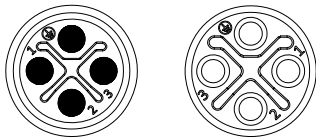
Power 动力

M12 Device Connector / M12 设备连接器



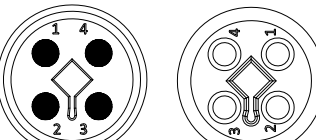
3PIN S-Coding

2+PE S-Coding			
PIN位	芯线颜色 Wire Colors		
1	BK1(黑1)		
3	BK2(黑2)		
PE	YE/GN 黄/绿		



4PIN S-Coding

3+PE S-Coding			
PIN位	芯线颜色 Wire Colors		
1	BK1(黑1)		
2	BK2(黑2)		
3	BK3(黑3)		
PE	YE/GN 黄/绿		

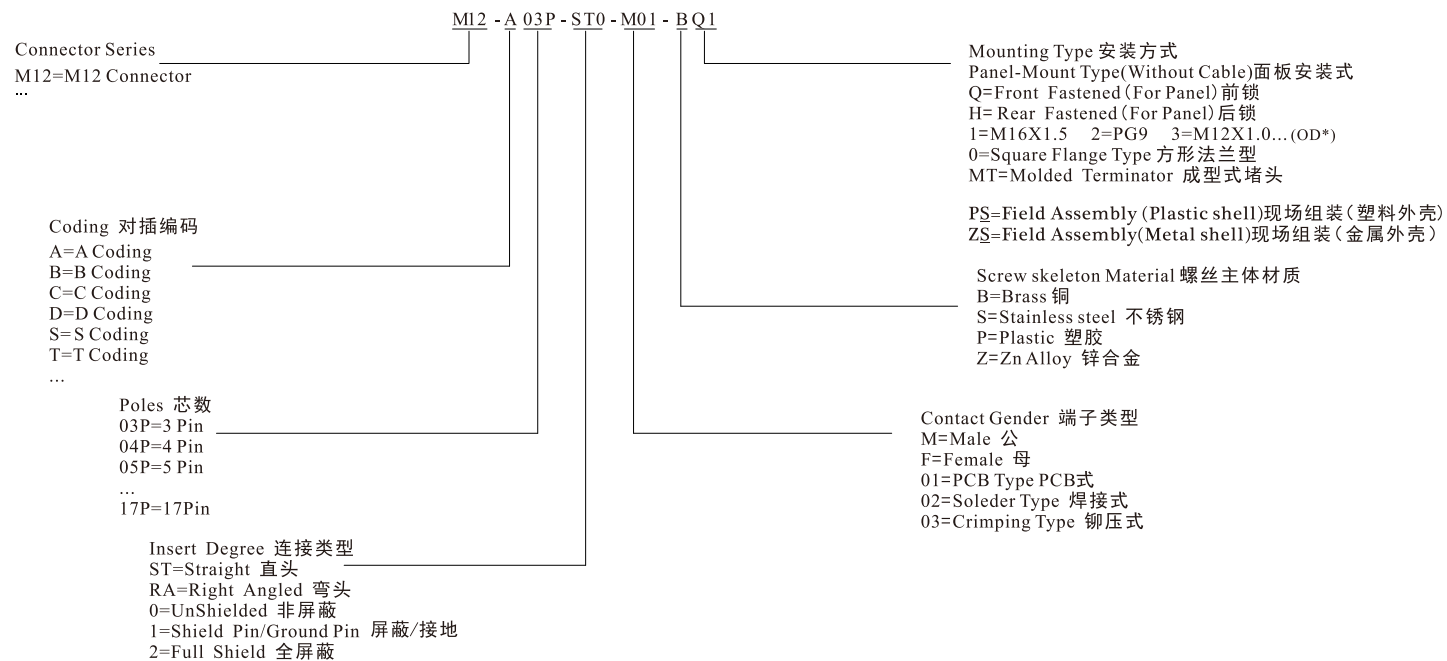


4PIN T-Coding

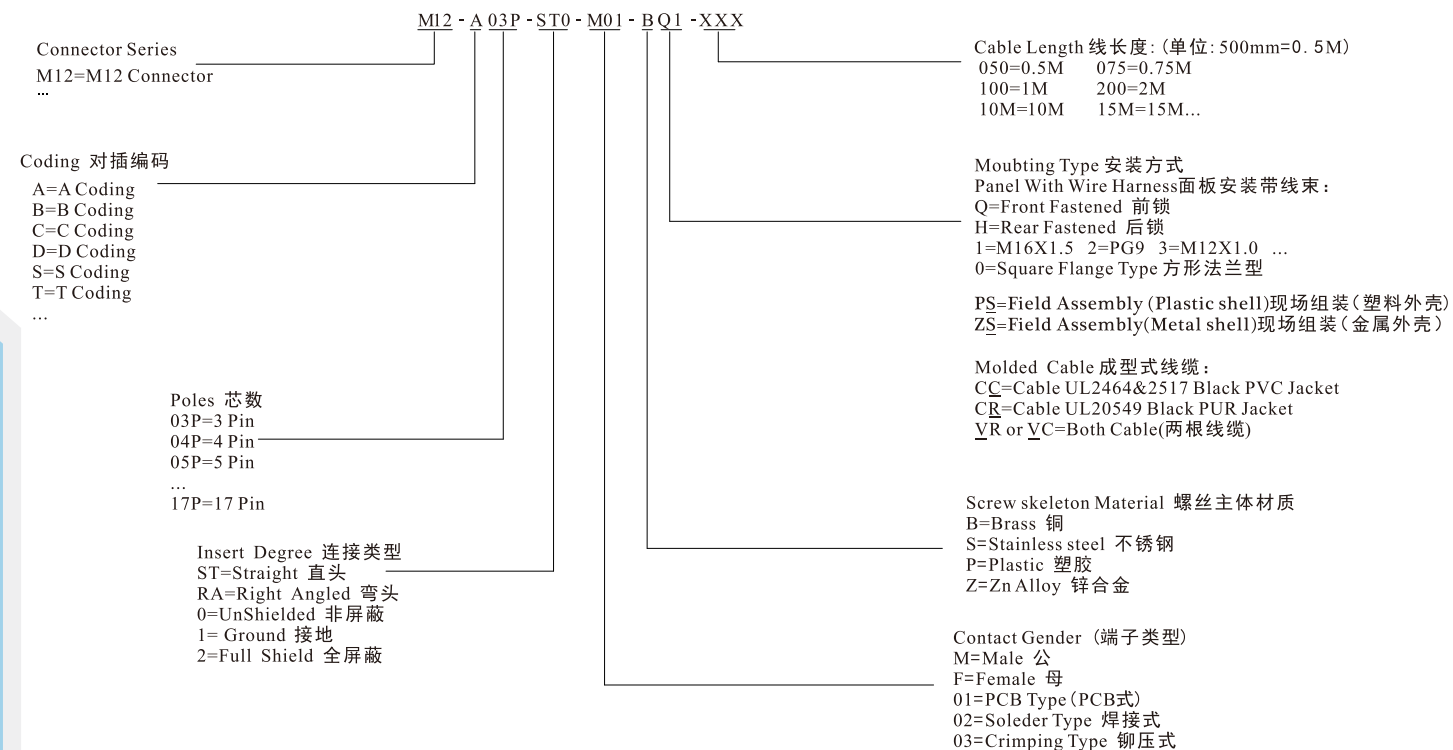
4PIN T-Coding			
PIN位	芯线颜色 Wire Colors		
1	BN(棕)		
2	WH(白)		
3	BU(蓝)		
4	BK(黑)		

How To Find The Part Number You Need 如何订购所需的产品编号

M12 Connector Series
M12 连接器系列:



M12 Connector Series Aeries Assembly(With Cable Assembly)
M12 连接器带线缆成品系列:



目录

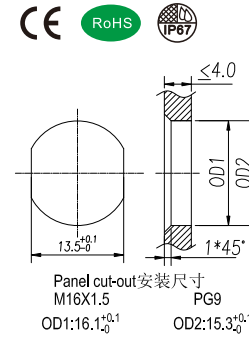
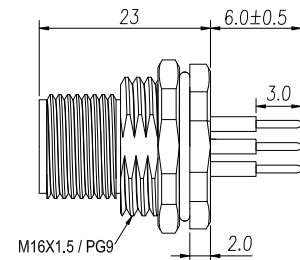
Contents

P11-20	面板式PCB式 Panel PCB
P21-27	面板式焊接式 Panel Solder
P28-36	面板式焊线式 Panel Solder Wire
P37-38	面板式全屏蔽 Panel full shielding
P39-48	成型式 Molded Cables
P49-50	成型式-双线 Molded 2 Cables
P51-52	分配器(转接器) Y-Splitter
P53-54	转接器 I-Adapter
P55-56	成型式堵头 Molded Terminator
P57-64	成型式不锈钢 Molded Cables Stainless Steel
P65-70	现场组装式 Field Assembly
P71	密封盖 Seal Cap

面板式连接器

M12 Male Panel Mount, PCB Type, Front Fastened M12 公头面板式, PCB型, 前锁安装

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X**P-ST0-M01-BQ*
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
: 1=M16X1.5 2=PG9, ... (OD)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

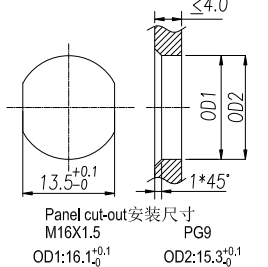
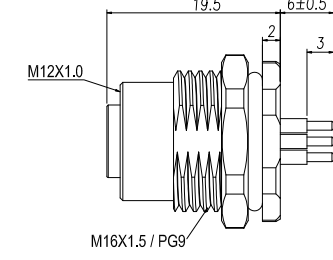
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Unshielded 非屏蔽
Length of the Solder Pin 焊脚长度: 6mm

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Contacts Termination 连接方式	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC		
03Pins					4A	250V	250V	PCB Version	M12-A03P-ST0-M01-BQ* M12-B03P-ST0-M01-BQ* M12-C03P-ST0-M01-BQ*
04Pins					4A	250V	250V	PCB Version	M12-A04P-ST0-M01-BQ* M12-B04P-ST0-M01-BQ* M12-C04P-ST0-M01-BQ* M12-D04P-ST0-M01-BQ*
05Pins					4A 2A (C-code)	60V	60V	PCB Version	M12-A05P-ST0-M01-BQ* M12-B05P-ST0-M01-BQ* M12-C05P-ST0-M01-BQ*
06Pins					2A	30V	30V	PCB Version	M12-C06P-ST0-M01-BQ*
08Pins					2A	30V	30V	PCB Version	M12-A08P-ST0-M01-BQ*
12Pins					1.5A	30V	30V	PCB Version	M12-A12P-ST0-M01-BQ*
17Pins					1.5A	30V	30V	PCB Version	M12-A17P-ST0-M01-BQ*
PCB Layout(M12 Male Connector A,B,D-Coding)						M12 Male Connector C-Coding)			

M12 Female Panel Mount, PCB Type, Front Fastened M12 母头面板式, PCB型, 前锁安装

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X**P-ST0-F01-BQ*
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
: 1=M16X1.5 2=PG9, ... (OD)



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Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Unshielded 非屏蔽
Length of the Solder Pin 焊脚长度: 6mm

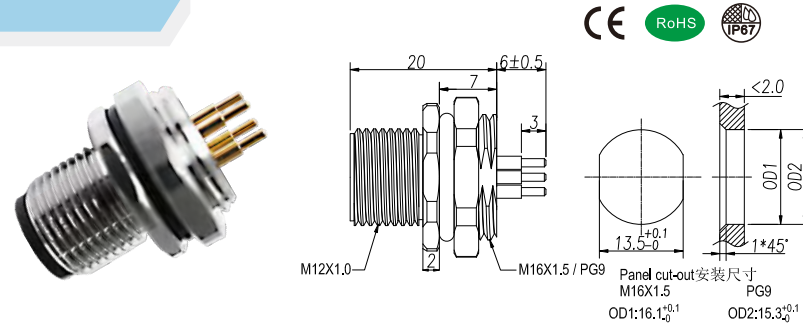
Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Contacts Termination 连接方式	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC		
03Pins					4A	250V	250V	PCB Version	M12-A03P-ST0-F01-BQ* M12-B03P-ST0-F01-BQ* M12-C03P-ST0-F01-BQ*
04Pins					4A	250V	250V	PCB Version	M12-A04P-ST0-F01-BQ* M12-B04P-ST0-F01-BQ* M12-C04P-ST0-F01-BQ* M12-D04P-ST0-F01-BQ*
05Pins					4A 2A (C-code)	60V	60V	PCB Version	M12-A05P-ST0-F01-BQ* M12-B05P-ST0-F01-BQ* M12-C05P-ST0-F01-BQ*
06Pins					2A	30V	30V	PCB Version	M12-C06P-ST0-F01-BQ*
08Pins					2A	30V	30V	PCB Version	M12-A08P-ST0-F01-BQ*
12Pins					1.5A	30V	30V	PCB Version	M12-A12P-ST0-F01-BQ*
17Pins					1.5A	30V	30V	PCB Version	M12-A17P-ST0-F01-BQ*
PCB Layout(M12 Male Connector A,B,D-Coding)						M12 Male Connector C-Coding)			

面板式连接器

M12 Male Panel Mount, PCB Type, Rear Fastened M12 公头面板式, PCB型, 后锁安装

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Rear Fastened 后锁
Part No 产品编号: M12-X*P-ST0-M01-BH*
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
: 1=M16X1.5 2=PG9,... (OD)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

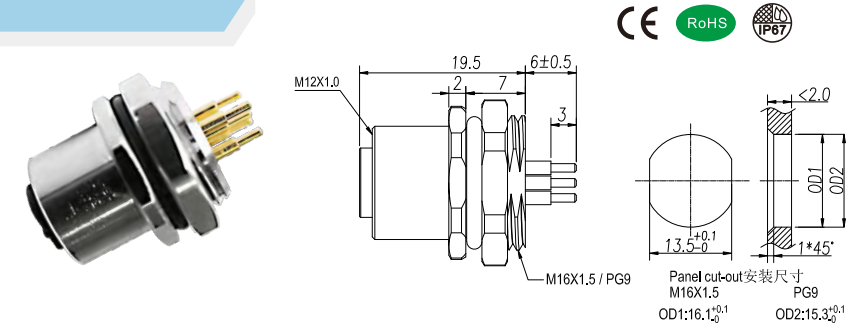
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Unshielded 非屏蔽
Length of the Solder Pin 焊脚长度: 6mm

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Contacts Termination 连接方式	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC		
03Pins					4A	250V	250V	PCB Version	M12-A03P-ST0-M01-BH* M12-B03P-ST0-M01-BH* M12-C03P-ST0-M01-BH*
04Pins					4A	250V	250V	PCB Version	M12-A04P-ST0-M01-BH* M12-B04P-ST0-M01-BH* M12-C04P-ST0-M01-BH* M12-D04P-ST0-M01-BH*
05Pins					4A 2A (C-code)	60V	60V	PCB Version	M12-A05P-ST0-M01-BH* M12-B05P-ST0-M01-BH* M12-C05P-ST0-M01-BH*
06Pins					2A	30V	30V	PCB Version	M12-C06P-ST0-M01-BH*
08Pins					2A	30V	30V	PCB Version	M12-A08P-ST0-M01-BH*
12Pins					1.5A	30V	30V	PCB Version	M12-A12P-ST0-M01-BH*
17Pins					1.5A	30V	30V	PCB Version	M12-A17P-ST0-M01-BH*
PCB Layout(M12 Male Connerctor A,B,D-Coding)						M12 Male Connerctor C-Coding)			

M12 Female Panel Mount, PCB Type, Rear Fastened M12 母头面板式, PCB型, 后锁安装

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Rear Fastened 后锁
Part No 产品编号: M12-X*P-ST0-F01-BH*
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
: 1=M16X1.5 2=PG9,... (OD)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

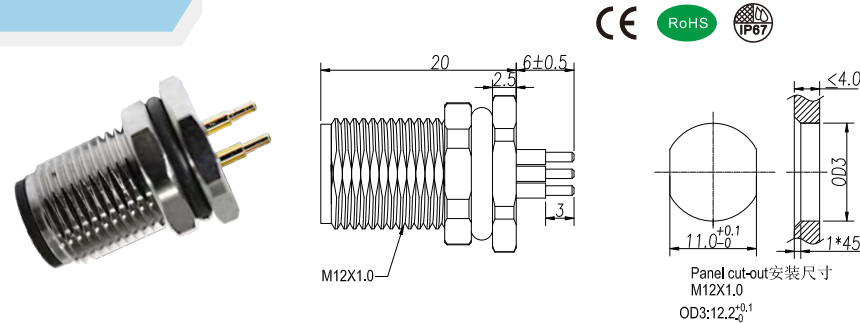
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Unshielded 非屏蔽
Length of the Solder Pin 焊脚长度: 6mm

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Contacts Termination 连接方式	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC		
03Pins					4A	250V	250V	PCB Version	M12-A03P-ST0-F01-BH* M12-B03P-ST0-F01-BH* M12-C03P-ST0-F01-BH*
04Pins					4A	250V	250V	PCB Version	M12-A04P-ST0-F01-BH* M12-B04P-ST0-F01-BH* M12-C04P-ST0-F01-BH* M12-D04P-ST0-F01-BH*
05Pins					4A 2A (C-code)	60V	60V	PCB Version	M12-A05P-ST0-F01-BH* M12-B05P-ST0-F01-BH* M12-C05P-ST0-F01-BH*
06Pins					2A	30V	30V	PCB Version	M12-C06P-ST0-F01-BH*
08Pins					2A	30V	30V	PCB Version	M12-A08P-ST0-F01-BH*
12Pins					1.5A	30V	30V	PCB Version	M12-A12P-ST0-F01-BH*
17Pins					1.5A	30V	30V	PCB Version	M12-A17P-ST0-F01-BH*
PCB Layout(M12 Male Connerctor A,B,D-Coding)						M12 Male Connerctor C-Coding)			

M12 Male Panel Mount, PCB Type, Front Fastened
M12 公头面板式, PCB型, 前锁安装

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X*P-ST0-M01-BQ3
X: A, B, C, D Coding (A, B, C, D扣)
*: 03, 04, 05...Pin (Pin数)
BQ3=M12X1.0 (OD3)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

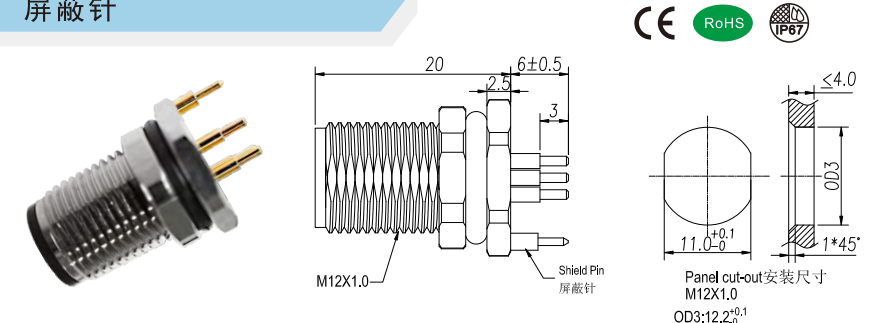
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Unshielded 非屏蔽
Length of the Solder Pin 焊脚长度: 6mm

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Contacts Termination 连接方式	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC		
03Pins					4A	250V	250V	PCB Version	M12-A03P-ST0-M01-BQ3 M12-B03P-ST0-M01-BQ3 M12-C03P-ST0-M01-BQ3
04Pins					4A	250V	250V	PCB Version	M12-A04P-ST0-M01-BQ3 M12-B04P-ST0-M01-BQ3 M12-C04P-ST0-M01-BQ3 M12-D04P-ST0-M01-BQ3
05Pins					4A 2A (C-code)	60V	60V	PCB Version	M12-A05P-ST0-M01-BQ3 M12-B05P-ST0-M01-BQ3 M12-C05P-ST0-M01-BQ3
06Pins					2A	30V	30V	PCB Version	M12-C06P-ST0-M01-BQ3
08Pins					2A	30V	30V	PCB Version	M12-A08P-ST0-M01-BQ3
12Pins					1.5A	30V	30V	PCB Version	M12-A12P-ST0-M01-BQ3
17Pins					1.5A	30V	30V	PCB Version	M12-A17P-ST0-M01-BQ3
PCB Layout(M12 Male Connector A,B,D-Coding)						M12 Male Connector C-Coding			

M12 Male Panel Mount, PCB Type, Front Fastened, Shielded Pin
M12 公头面板式, PCB型, 前锁安装, 屏蔽针

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X*P-ST1-M01-BQ3
X: A, B, C, D Coding (A, B, C, D扣)
*: 03, 04, 05...Pin (Pin数)
BQ3=M12X1.0 (OD3)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

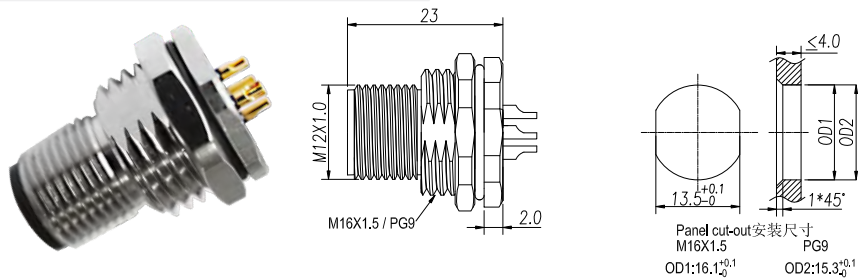
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Ground 接地
Length of the Solder Pin 焊脚长度: 6mm

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Contacts Termination 连接方式	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC		
03Pins					4A	250V	250V	PCB Version	M12-A03P-ST1-M01-BQ3 M12-B03P-ST1-M01-BQ3 M12-C03P-ST1-M01-BQ3
04Pins					4A	250V	250V	PCB Version	M12-A04P-ST1-M01-BQ3 M12-B04P-ST1-M01-BQ3 M12-C04P-ST1-M01-BQ3 M12-D04P-ST1-M01-BQ3
05Pins					4A 2A (C-code)	60V	60V	PCB Version	M12-A05P-ST1-M01-BQ3 M12-B05P-ST1-M01-BQ3 M12-C05P-ST1-M01-BQ3
06Pins					2A	30V	30V	PCB Version	M12-C06P-ST1-M01-BQ3
08Pins					2A	30V	30V	PCB Version	M12-A08P-ST1-M01-BQ3
12Pins					1.5A	30V	30V	PCB Version	M12-A12P-ST1-M01-BQ3
17Pins					1.5A	30V	30V	PCB Version	M12-A17P-ST1-M01-BQ3
PCB Layout(M12 Male Connector A,B,D-Coding)						M12 Male Connector C-Coding			

M12 Male Panel Mount, Solder Type, Front Fastened
M12 公头面板式，焊接式，前锁安装

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X*P-ST0-M02-BQ*
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
: 1=M16X1.5 2=PG9, ... (OD)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

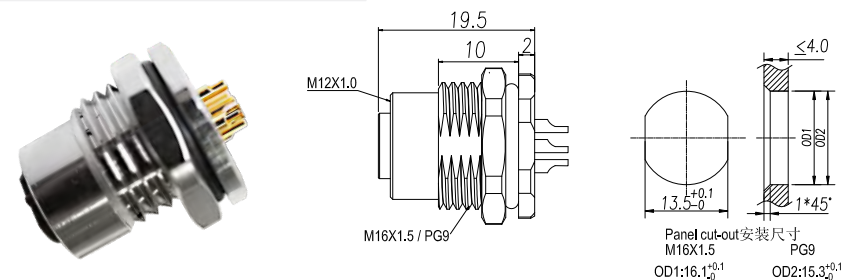
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-M02-BQ* M12-B03P-ST0-M02-BQ* M12-C03P-ST0-M02-BQ*
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-M02-BQ* M12-B04P-ST0-M02-BQ* M12-C04P-ST0-M02-BQ* M12-D04P-ST0-M02-BQ*
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-M02-BQ* M12-B05P-ST0-M02-BQ* M12-C05P-ST0-M02-BQ*
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-M02-BQ*
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-M02-BQ*
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-M02-BQ*
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-M02-BQ*

M12 Female Panel Mount, Solder Type, Front Fastened
M12 母头面板式，焊接式，前锁安装

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X*P-ST0-F02-BQ*
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
: 1=M16X1.5 2=PG9, ... (OD)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

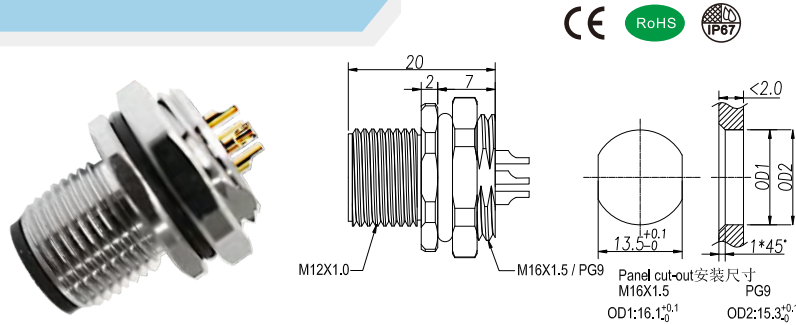
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-F02-BQ* M12-B03P-ST0-F02-BQ* M12-C03P-ST0-F02-BQ*
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-F02-BQ* M12-B04P-ST0-F02-BQ* M12-C04P-ST0-F02-BQ* M12-D04P-ST0-F02-BQ*
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-F02-BQ* M12-B05P-ST0-F02-BQ* M12-C05P-ST0-F02-BQ*
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-F02-BQ*
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-F02-BQ*
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-F02-BQ*
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-F02-BQ*

M12 Male Panel Mount, Solder Type, Rear Fastened
M12 公头面板式，焊接式，后锁安装

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Rear Fastened 后锁
Part No 产品编号: M12-X*P-ST0-M02-BH*
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
1: M16X1.5 2: PG9, ... (OD*)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

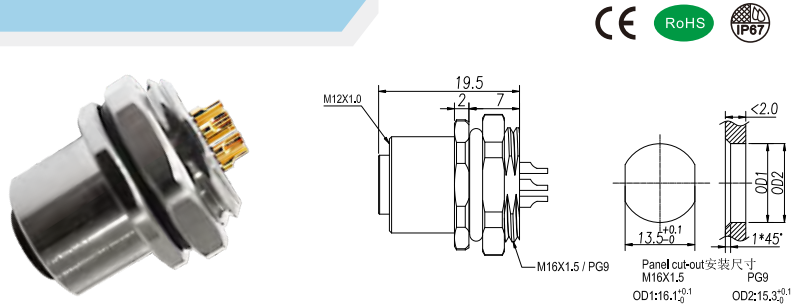
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-M02-BH* M12-B03P-ST0-M02-BH* M12-C03P-ST0-M02-BH*
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-M02-BH* M12-B04P-ST0-M02-BH* M12-C04P-ST0-M02-BH* M12-D04P-ST0-M02-BH*
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-M02-BH* M12-B05P-ST0-M02-BH* M12-C05P-ST0-M02-BH*
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-M02-BH*
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-M02-BH*
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-M02-BH*
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-M02-BH*

M12 Female Panel Mount, Solder Type, Rear Fastened
M12 母头面板式，焊接式，后锁安装

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X*P-ST0-F02-BQ*
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
1: M16X1.5 2: PG9, ... (OD*)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

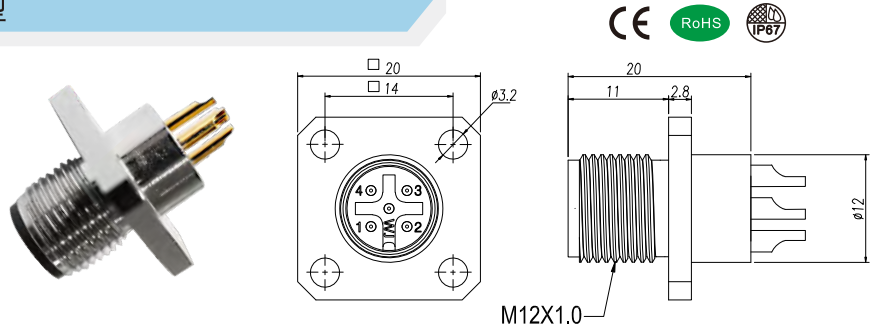
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-F02-BH* M12-B03P-ST0-F02-BH* M12-C03P-ST0-F02-BH*
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-F02-BH* M12-B04P-ST0-F02-BH* M12-C04P-ST0-F02-BH* M12-D04P-ST0-F02-BH*
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-F02-BH* M12-B05P-ST0-F02-BH* M12-C05P-ST0-F02-BH*
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-F02-BH*
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-F02-BH*
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-F02-BH*
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-F02-BH*

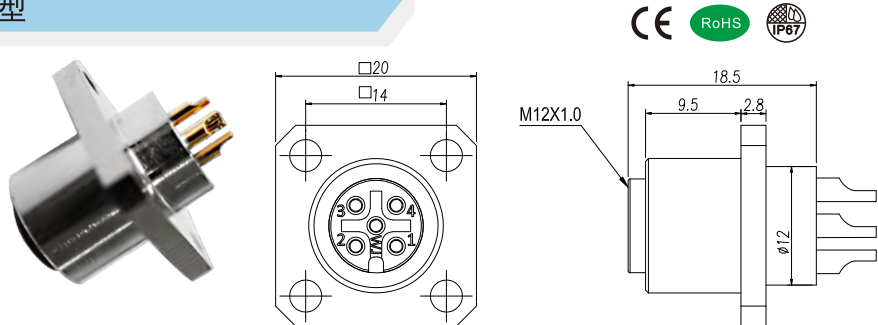
M12 Male Panel Mount, Solder Type, Square Flange Type
M12 公头面板式，焊接式，方形法兰型

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Flange Type 法兰类
Part No 产品编号: M12-X*P-ST0-M02-BQ0
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05...Pin (Pin 数)



M12 Female Panel Mount, Solder Type, Square Flange Type
M12 母头面板式，焊接式，方形法兰型

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Flange Type 法兰类
Part No 产品编号: M12-X*P-ST0-F02-BQ0
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05...Pin (Pin 数)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: NA 无
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-M02-BQ0 M12-B03P-ST0-M02-BQ0 M12-C03P-ST0-M02-BQ0
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-M02-BQ0 M12-B04P-ST0-M02-BQ0 M12-C04P-ST0-M02-BQ0 M12-D04P-ST0-M02-BQ0
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-M02-BQ0 M12-B05P-ST0-M02-BQ0 M12-C05P-ST0-M02-BQ0
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-M02-BQ0
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-M02-BQ0
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-M02-BQ0
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-M02-BQ0

Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -40°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

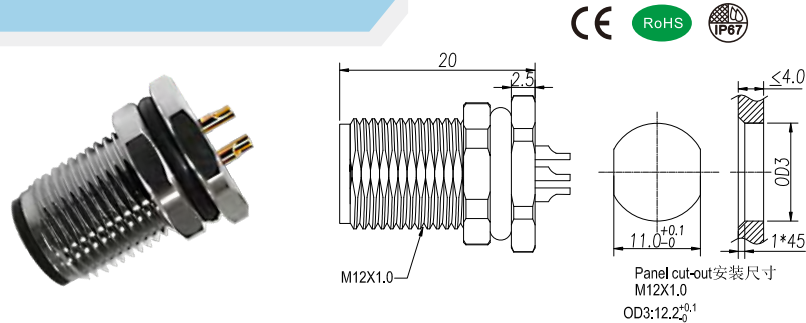
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-F02-BQ0 M12-B03P-ST0-F02-BQ0 M12-C03P-ST0-F02-BQ0
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-F02-BQ0 M12-B04P-ST0-F02-BQ0 M12-C04P-ST0-F02-BQ0 M12-D04P-ST0-F02-BQ0
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-F02-BQ0 M12-B05P-ST0-F02-BQ0 M12-C05P-ST0-F02-BQ0
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-F02-BQ0
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-F02-BQ0
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-F02-BQ0
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-F02-BQ0

M12 Male Panel Mount, Solder Type, Front Fastened
M12 公头面板式，焊接式，前锁安装

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front 锁前锁
Part No 产品编号: M12-X*P-ST0-M02-BQ3
X: A, B, C, D Coding (A, B, C, D扣)
*: 03, 04, 05...Pin (Pin数)
BQ3=M12X1.0 (OD3)



General Information 基本信息

Technical data 技术参数

Standard 标准:	IEC61076-2-101
Ambient Temperature 工作温度:	-40℃~+105℃
Insulation Resistance 绝缘电阻:	≥100MΩ
Contact Resistance 接触电阻:	≤10mΩ
IP Class 防护等级:	IP67
Mating Endurance 机械寿命:	>100 Mating Cycles

Material Data 材质说明

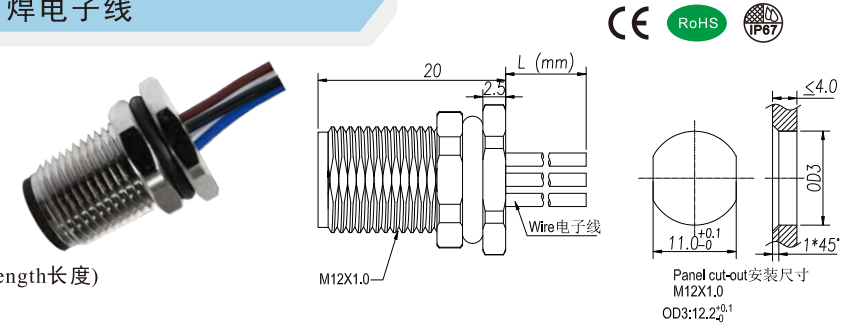
Connector Carriers 胶芯材料:	PA
Connector Contacts 接触端子:	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝:	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈:	FKM 氟橡胶
Shielding 屏蔽:	UnShielded 非屏蔽
Contacts Termination 连接方式:	Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm²	
03Pins			 2+PE		4A	250V	250V	22	0.34	M12-A03P-ST0-M02-BQ3 M12-B03P-ST0-M02-BQ3 M12-C03P-ST0-M02-BQ3
04Pins			 3+PE		4A	250V	250V	22	0.34	M12-A04P-ST0-M02-BQ3 M12-B04P-ST0-M02-BQ3 M12-C04P-ST0-M02-BQ3 M12-D04P-ST0-M02-BQ3
05Pins			 4+PE		4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-M02-BQ3 M12-B05P-ST0-M02-BQ3 M12-C05P-ST0-M02-BQ3
06Pins			 5+PE		2A	30V	30V	24	0.25	M12-C06P-ST0-M02-BQ3
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-M02-BQ3
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-M02-BQ3
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-M02-BQ3

M12 Male Panel Mount, Solder Type, Front Fastened, With Wires
M12 公头面板式，焊接式，前锁安装，焊电子线

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X*P-ST0-M02-BQ3-XXX
X:A,B,C,D Coding(A,B,C,D扣)
**:.03,.04,.05...Pin(Pin数)
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



General Information 基本信息

Technical data 技术参数

Standard 标准:	IEC61076-2-101
Ambient Temperature 工作温度:	-25℃~+80℃
Insulation Resistance 绝缘电阻:	≥100MΩ
Contact Resistance 接触电阻:	≤10mΩ
IP Class 防护等级:	IP67
Mating Endurance 机械寿命:	>100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料:	PA
Connector Contacts 接触端子:	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝:	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈:	FKM 氟橡胶
Shielding 屏蔽:	UnShielded 非屏蔽
Contacts Termination 连接方式:	Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-M02-BQ3- XXX M12-B03P-ST0-M02-BQ3- XXX M12-C03P-ST0-M02-BQ3- XXX
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-M02-BQ3- XXX M12-B04P-ST0-M02-BQ3- XXX M12-C04P-ST0-M02-BQ3- XXX M12-D04P-ST0-M02-BQ3- XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-M02-BQ3- XXX M12-B05P-ST0-M02-BQ3- XXX M12-C05P-ST0-M02-BQ3- XXX
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-M02-BQ3- XXX
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-M02-BQ3- XXX
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-M02-BQ3- XXX
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-M02-BQ3- XXX

M12 Male Panel Mount, Solder Type, Front Fastened, With Wires
M12 公头面板式，焊接式，前锁安装，焊电子线

Connector Series 连接器系列: M12

Gender 类型: Male 公

Coding 编码: A, B, C, D

Locking Type 装配方式: Fix Screw 锁螺丝

Mounting Type 安装类型: Front Fastened 前锁

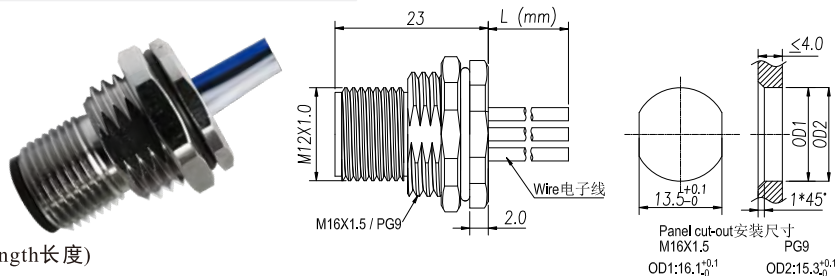
Part No 产品编号: M12-X*P-ST0-M02-BQ*-XXX

X: A, B, C, D Coding (A, B, C, D 扣)

** : 03, 04, 05... Pin (Pin 数)

* : 1=M16X1.5 2=PG9,... (OD*)

XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-M02-BQ*-XXX M12-B03P-ST0-M02-BQ*-XXX M12-C03P-ST0-M02-BQ*-XXX
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-M02-BQ*-XXX M12-B04P-ST0-M02-BQ*-XXX M12-C04P-ST0-M02-BQ*-XXX M12-D04P-ST0-M02-BQ*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-M02-BQ*-XXX M12-B05P-ST0-M02-BQ*-XXX M12-C05P-ST0-M02-BQ*-XXX
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-M02-BQ*-XXX
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-M02-BQ*-XXX
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-M02-BQ*-XXX
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-M02-BQ*-XXX

M12 Female Panel Mount, Solder Type, Front Fastened, With Wires
M12 母头面板式，焊接式，前锁安装，焊电子线

Connector Series 连接器系列: M12

Gender 类型: Female 母

Coding 编码: A, B, C, D

Locking Type 装配方式: Fix Screw 锁螺丝

Mounting Type 安装类型: Front Fastened 前锁

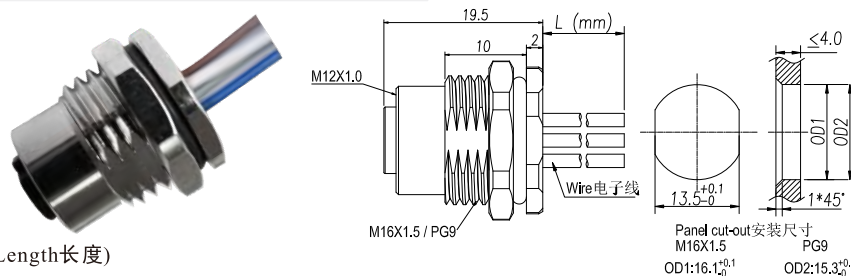
Part No 产品编号: M12-X*P-ST0-F02-BQ*-XXX

X: A, B, C, D Coding (A, B, C, D 扣)

** : 03, 04, 05... Pin (Pin 数)

* : 1=M16X1.5 2=PG9,... (OD*)

XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-F02-BQ*-XXX M12-B03P-ST0-F02-BQ*-XXX M12-C03P-ST0-F02-BQ*-XXX
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-F02-BQ*-XXX M12-B04P-ST0-F02-BQ*-XXX M12-C04P-ST0-F02-BQ*-XXX M12-D04P-ST0-F02-BQ*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-F02-BQ*-XXX M12-B05P-ST0-F02-BQ*-XXX M12-C05P-ST0-F02-BQ*-XXX
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-F02-BQ*-XXX
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-F02-BQ*-XXX
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-F02-BQ*-XXX
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-F02-BQ*-XXX

M12 Male Panel Mount, Solder Type, Rear Fastened, With Wires
M12 公头面板式，焊接式，后锁安装，焊电子线

Connector Series 连接器系列: M12

Gender 类型: Male 公

Coding 编码: A, B, C, D

Locking Type 装配方式: Fix Screw 锁螺丝

Mounting Type 安装类型: Rear Fastened 后锁

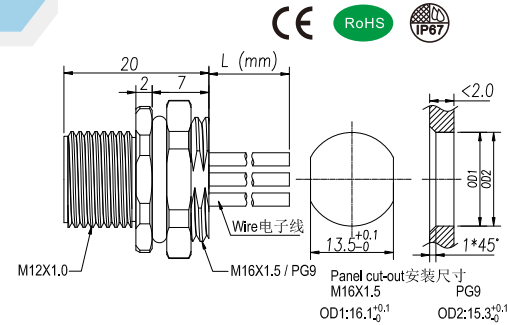
Part No 产品编号: M12-X*P-ST0-M02-BH*-XXX

X: A, B, C, D Coding (A, B, C, D 扣)

** : 03, 04, 05... Pin (Pin 数)

* : 1=M16X1.5 2=PG9,... (OD*)

XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-M02-BH*-XXX M12-B03P-ST0-M02-BH*-XXX M12-C03P-ST0-M02-BH*-XXX
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-M02-BH*-XXX M12-B04P-ST0-M02-BH*-XXX M12-C04P-ST0-M02-BH*-XXX M12-D04P-ST0-M02-BH*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-M02-BH*-XXX M12-B05P-ST0-M02-BH*-XXX M12-C05P-ST0-M02-BH*-XXX
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-M02-BH*-XXX
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-M02-BH*-XXX
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-M02-BH*-XXX
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-M02-BH*-XXX

M12 Female Panel Mount, Solder Type, Rear Fastened, With Wires
M12 母头面板式，焊接式，后锁安装，焊电子线

Connector Series 连接器系列: M12

Gender 类型: Female 母

Coding 编码: A, B, C, D

Locking Type 装配方式: Fix Screw 锁螺丝

Mounting Type 安装类型: Rear Fastened 后锁

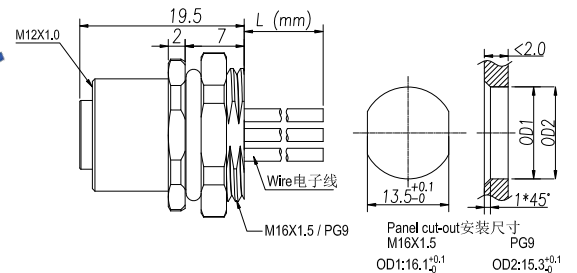
Part No 产品编号: M12-X*P-ST0-F02-BH*-XXX

X: A, B, C, D Coding (A, B, C, D 扣)

** : 03, 04, 05... Pin (Pin 数)

* : 1=M16X1.5 2=PG9,... (OD*)

XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

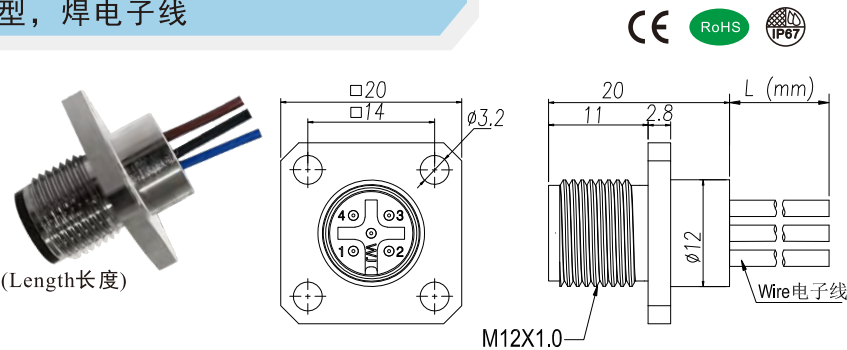
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-F02-BH*-XXX M12-B03P-ST0-F02-BH*-XXX M12-C03P-ST0-F02-BH*-XXX
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-F02-BH*-XXX M12-B04P-ST0-F02-BH*-XXX M12-C04P-ST0-F02-BH*-XXX M12-D04P-ST0-F02-BH*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-F02-BH*-XXX M12-B05P-ST0-F02-BH*-XXX M12-C05P-ST0-F02-BH*-XXX
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-F02-BH*-XXX
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-F02-BH*-XXX
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-F02-BH*-XXX
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-F02-BH*-XXX

M12 Male Panel Mount, Solder Type, Square Flange Type, With Wires
M12 公头面板式，焊接式，方形法兰型，焊电子线

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Flange Type 法兰类
Part No 产品编号: M12-X*P-ST0-M02-BQ0-XXX
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

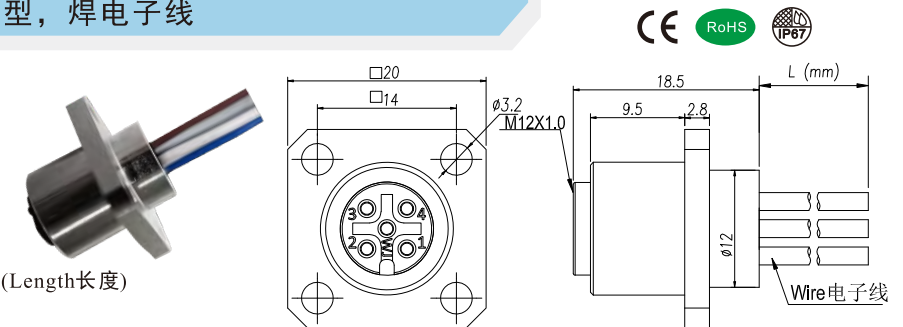
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: NA 无
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-M02-BQ0-XXX M12-B03P-ST0-M02-BQ0-XXX M12-C03P-ST0-M02-BQ0-XXX
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-M02-BQ0-XXX M12-B04P-ST0-M02-BQ0-XXX M12-C04P-ST0-M02-BQ0-XXX M12-D04P-ST0-M02-BQ0-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-M02-BQ0-XXX M12-B05P-ST0-M02-BQ0-XXX M12-C05P-ST0-M02-BQ0-XXX
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-M02-BQ0-XXX
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-M02-BQ0-XXX
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-M02-BQ0-XXX
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-M02-BQ0-XXX

M12 Female Panel Mount, Solder Type, Square Flange Type, With Wires
M12 母头面板式，焊接式，方形法兰型，焊电子线

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Flange Type 法兰类
Part No 产品编号: M12-X*P-ST0-F02-BQ0-XXX
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

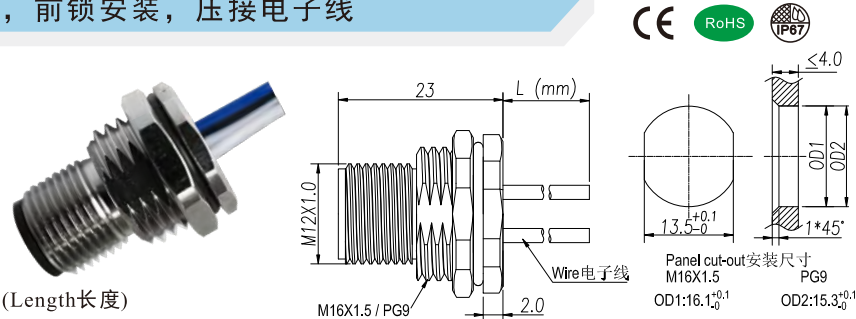
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins					4A	250V	250V	22	0.34	M12-A03P-ST0-F02-BQ0-XXX M12-B03P-ST0-F02-BQ0-XXX M12-C03P-ST0-F02-BQ0-XXX
04Pins					4A	250V	250V	22	0.34	M12-A04P-ST0-F02-BQ0-XXX M12-B04P-ST0-F02-BQ0-XXX M12-C04P-ST0-F02-BQ0-XXX M12-D04P-ST0-F02-BQ0-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05P-ST0-F02-BQ0-XXX M12-B05P-ST0-F02-BQ0-XXX M12-C05P-ST0-F02-BQ0-XXX
06Pins					2A	30V	30V	24	0.25	M12-C06P-ST0-F02-BQ0-XXX
08Pins					2A	30V	30V	24	0.25	M12-A08P-ST0-F02-BQ0-XXX
12Pins					1.5A	30V	30V	26	0.14	M12-A12P-ST0-F02-BQ0-XXX
17Pins					1.5A	30V	30V	26	0.14	M12-A17P-ST0-F02-BQ0-XXX

M12 Male Panel Mount, S&T-Coding, Crimping Type, Front Fastened, With Wires
M12 公头面板式, S&T-Coding 压接式, 前锁安装, 压接电子线

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: S, T
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X**P-ST0-M03-BQ*-XXX
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04 Pin (Pin 数)
: 1=M16X1.5 2=PG9, ... (OD)
XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-111
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

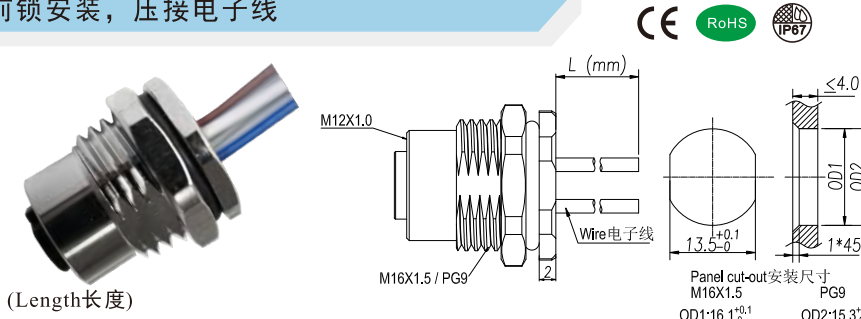
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Crimping Type 压接式

Electrical Data & Mechanical Data 电气参数&机械参数

Available Coding 防插错编码	Contacts Pin 芯数		Rated Current 额定电流	Rated Voltage 额定电压	Wire Range 接线范围		Part NO. 产品编号
	03 Pins	04 Pins			AWG	mm ²	
S-Coding			16A (03Pin) 12A (04Pin)	630V	16	1.5	M12-S03P-ST0-M03-BQ*-XXX M12-S04P-ST0-M03-BQ*-XXX
T-Coding			12A	60V	16	1.5	M12-T03P-ST0-M03-BQ*-XXX M12-T04P-ST0-M03-BQ*-XXX

M12 Female Panel Mount, S&T-Coding, Crimping Type, Front Fastened, With Wires
M12 母头面板式, S&T-Coding 压接式, 前锁安装, 压接电子线

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: S, T
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Front Fastened 前锁
Part No 产品编号: M12-X**P-ST0-F03-BQ*-XXX
X: S, T Coding (S, T 扣)
*: 03, 04 Pin (Pin 数)
: 1=M16X1.5 2=PG9, ... (OD)
XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-111
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Crimping Type 压接式

Electrical Data & Mechanical Data 电气参数&机械参数

Available Coding 防插错编码	Contacts Pin 芯数		Rated Current 额定电流	Rated Voltage 额定电压	Wire Range 接线范围		Part NO. 产品编号
	03 Pins	04 Pins			AWG	mm ²	
S-Coding			16A (03Pin) 12A (04Pin)	630V	16	1.5	M12-S03P-ST0-F03-BQ*-XXX M12-S04P-ST0-F03-BQ*-XXX
T-Coding			12A	60V	16	1.5	M12-T03P-ST0-F03-BQ*-XXX M12-T04P-ST0-F03-BQ*-XXX

M12 Male Panel Mount, Solder Type, Front Fastened, With Cable Shielded
M12 公头面板式，焊接式，前锁安装，屏蔽线缆

Connector Series 连接器系列: M12

Gender 类型: Male 公

Coding 编码: A, B, C, D

Locking Type 装配方式: Fix Screw 锁螺丝

Mounting Type 安装类型: Front Fastened 前锁

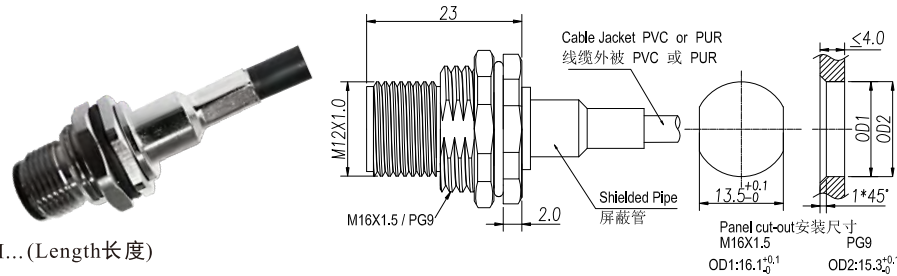
Part No 产品编号: M12-X*P-ST2-M02-BQ*-XXX

X: A, B, C, D Coding (A, B, C, D 扣)

** : 03, 04, 05... Pin (Pin 数)

* : 1=M16X1.5 2=PG9,... (OD*)

XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C ~ +80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Shielded 屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin 数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03 Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST2-M02-BQ*-XXX M12-B03P-ST2-M02-BQ*-XXX M12-C03P-ST2-M02-BQ*-XXX
04 Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST2-M02-BQ*-XXX M12-B04P-ST2-M02-BQ*-XXX M12-C04P-ST2-M02-BQ*-XXX M12-D04P-ST2-M02-BQ*-XXX
05 Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST2-M02-BQ*-XXX M12-B05P-ST2-M02-BQ*-XXX M12-C05P-ST2-M02-BQ*-XXX
06 Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-ST2-M02-BQ*-XXX
08 Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST2-M02-BQ*-XXX
12 Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST2-M02-BQ*-XXX
17 Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST2-M02-BQ*-XXX

M12 Female Panel Mount, Solder Type, Front Fastened, With Cable Shielded
M12 母头面板式，焊接式，前锁安装，屏蔽线缆

Connector Series 连接器系列: M12

Gender 类型: Female 母

Coding 编码: A, B, C, D

Locking Type 装配方式: Fix Screw 锁螺丝

Mounting Type 安装类型: Front Fastened 前锁

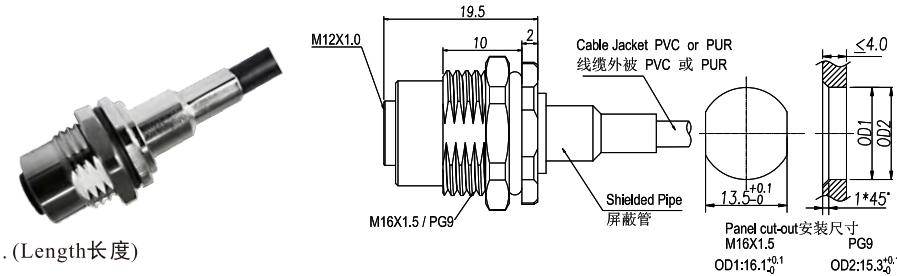
Part No 产品编号: M12-X*P-ST2-F02-BQ*-XXX

X: A, B, C, D Coding (A, B, C, D 扣)

** : 03, 04, 05... Pin (Pin 数)

* : 1=M16X1.5 2=PG9,... (OD*)

XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C ~ +80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

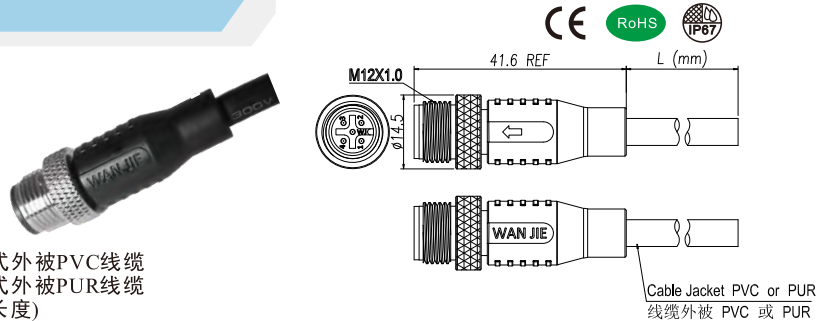
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Shielded 屏蔽
Contacts Termination 连接方式: Solder Type 焊接式

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin 数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03 Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST2-F02-BQ*-XXX M12-B03P-ST2-F02-BQ*-XXX M12-C03P-ST2-F02-BQ*-XXX
04 Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST2-F02-BQ*-XXX M12-B04P-ST2-F02-BQ*-XXX M12-C04P-ST2-F02-BQ*-XXX M12-D04P-ST2-F02-BQ*-XXX
05 Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST2-F02-BQ*-XXX M12-B05P-ST2-F02-BQ*-XXX M12-C05P-ST2-F02-BQ*-XXX
06 Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-ST2-F02-BQ*-XXX
08 Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST2-F02-BQ*-XXX
12 Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST2-F02-BQ*-XXX
17 Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST2-F02-BQ*-XXX

M12 Male Molded Cables, Straight, UnShielded
M12 公头成型式线缆，直头，非屏蔽

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST0-M02-BC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
CC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

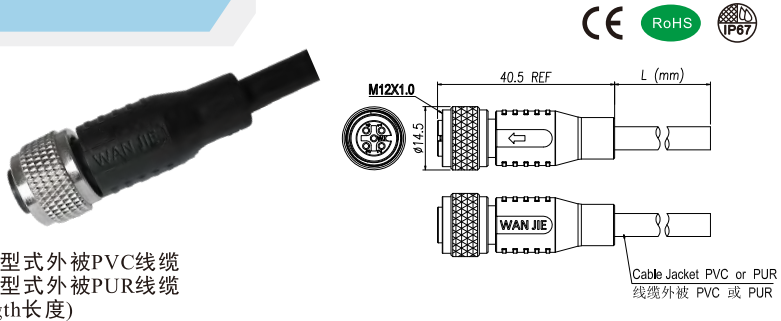
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: UnShielded 非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST0-M02-BC*-XXX M12-B03P-ST0-M02-BC*-XXX M12-C03P-ST0-M02-BC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST0-M02-BC*-XXX M12-B04P-ST0-M02-BC*-XXX M12-C04P-ST0-M02-BC*-XXX M12-D04P-ST0-M02-BC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST0-M02-BC*-XXX M12-B05P-ST0-M02-BC*-XXX M12-C05P-ST0-M02-BC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-ST0-M02-BC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST0-M02-BC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST0-M02-BC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST0-M02-BC*-XXX

M12 Female Molded Cables, Straight, UnShielded
M12 母头成型式线缆，直头，非屏蔽

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A,B,C,D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST0-F02-BC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
CC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST0-F02-BC*-XXX M12-B03P-ST0-F02-BC*-XXX M12-C03P-ST0-F02-BC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST0-F02-BC*-XXX M12-B04P-ST0-F02-BC*-XXX M12-C04P-ST0-F02-BC*-XXX M12-D04P-ST0-F02-BC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST0-F02-BC*-XXX M12-B05P-ST0-F02-BC*-XXX M12-C05P-ST0-F02-BC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-ST0-F02-BC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST0-F02-BC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST0-F02-BC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST0-F02-BC*-XXX

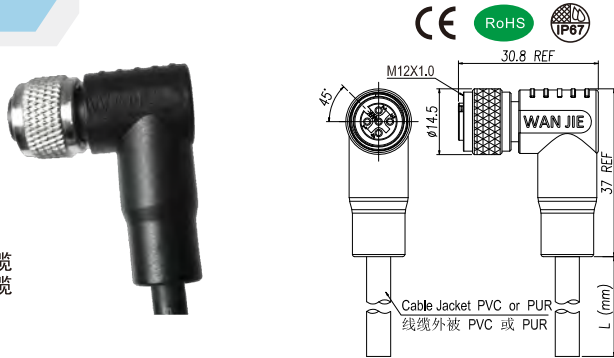
M12 Male Molded Cables, Angled, UnShielded
M12 公头成型式线缆, 弯头, 非屏蔽

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Angled 弯头
Part No 产品编号: M12-X*P-RA0-M02-BC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
CC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



M12 Female Molded Cables, Angled, UnShielded
M12 母头成型式线缆, 弯头, 非屏蔽

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A,B,C,D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Angled 弯头
Part No 产品编号: M12-X*P-RA0-F02-BC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
CC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: UnShielded 非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-RA0-M02-BC*-XXX M12-B03P-RA0-M02-BC*-XXX M12-C03P-RA0-M02-BC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-RA0-M02-BC*-XXX M12-B04P-RA0-M02-BC*-XXX M12-C04P-RA0-M02-BC*-XXX M12-D04P-RA0-M02-BC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-RA0-M02-BC*-XXX M12-B05P-RA0-M02-BC*-XXX M12-C05P-RA0-M02-BC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-RA0-M02-BC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-RA0-M02-BC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-RA0-M02-BC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-RA0-M02-BC*-XXX

Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

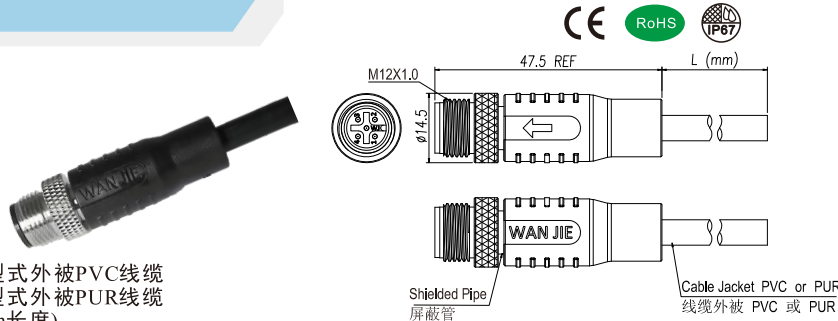
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-RA0-F02-BC*-XXX M12-B03P-RA0-F02-BC*-XXX M12-C03P-RA0-F02-BC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-RA0-F02-BC*-XXX M12-B04P-RA0-F02-BC*-XXX M12-C04P-RA0-F02-BC*-XXX M12-D04P-RA0-F02-BC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-RA0-F02-BC*-XXX M12-B05P-RA0-F02-BC*-XXX M12-C05P-RA0-F02-BC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-RA0-F02-BC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-RA0-F02-BC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-RA0-F02-BC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-RA0-F02-BC*-XXX

M12 Male Molded Cables, Straight, Shielded
M12 公头成型式线缆，直头，屏蔽

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST2-M02-BC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
ST2:2=Full Shield 全屏蔽
CC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

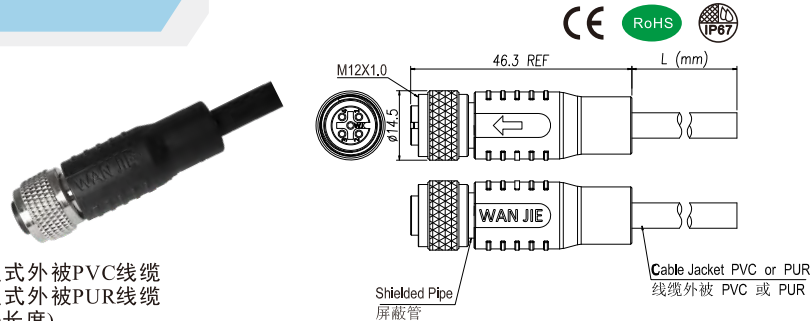
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: Shielded 屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST2-M02-BC*-XXX M12-B03P-ST2-M02-BC*-XXX M12-C03P-ST2-M02-BC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST2-M02-BC*-XXX M12-B04P-ST2-M02-BC*-XXX M12-C04P-ST2-M02-BC*-XXX M12-D04P-ST2-M02-BC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST2-M02-BC*-XXX M12-B05P-ST2-M02-BC*-XXX M12-C05P-ST2-M02-BC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-ST2-M02-BC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST2-M02-BC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST2-M02-BC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST2-M02-BC*-XXX

M12 Female Molded Cables, Straight, Shielded
M12 母头成型式线缆，直头，屏蔽

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A,B,C,D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST2-F02-BC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
ST2:2=Full Shield 全屏蔽
CC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

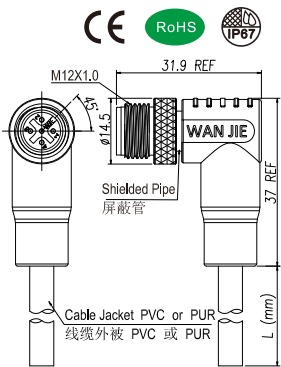
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Shielded 屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST2-F02-BC*-XXX M12-B03P-ST2-F02-BC*-XXX M12-C03P-ST2-F02-BC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST2-F02-BC*-XXX M12-B04P-ST2-F02-BC*-XXX M12-C04P-ST2-F02-BC*-XXX M12-D04P-ST2-F02-BC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST2-F02-BC*-XXX M12-B05P-ST2-F02-BC*-XXX M12-C05P-ST2-F02-BC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-ST2-F02-BC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST2-F02-BC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST2-F02-BC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST2-F02-BC*-XXX

M12 Male Molded Cables, Angled, Shielded
M12 公头成型式线缆，弯头，屏蔽

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Angled 弯头
Part No 产品编号: M12-X*P-RA2-M02-BC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
RA2:2=Full Shield 全屏蔽
CC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

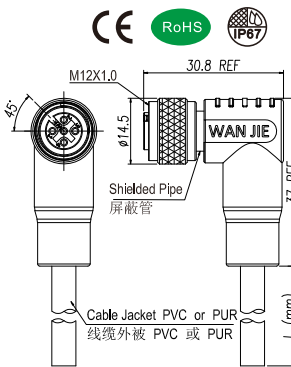
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: Shielded 屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-RA2-M02-BC*-XXX M12-B03P-RA2-M02-BC*-XXX M12-C03P-RA2-M02-BC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-RA2-M02-BC*-XXX M12-B04P-RA2-M02-BC*-XXX M12-C04P-RA2-M02-BC*-XXX M12-D04P-RA2-M02-BC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-RA2-M02-BC*-XXX M12-B05P-RA2-M02-BC*-XXX M12-C05P-RA2-M02-BC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-RA2-M02-BC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-RA2-M02-BC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-RA2-M02-BC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-RA2-M02-BC*-XXX

M12 Female Molded Cables, Angled, Shielded
M12 母头成型式线缆，弯头，屏蔽

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A,B,C,D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Angled 弯头
Part No 产品编号: M12-X*P-RA2-F02-BC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
RA2:2=Full Shield 全屏蔽
CC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

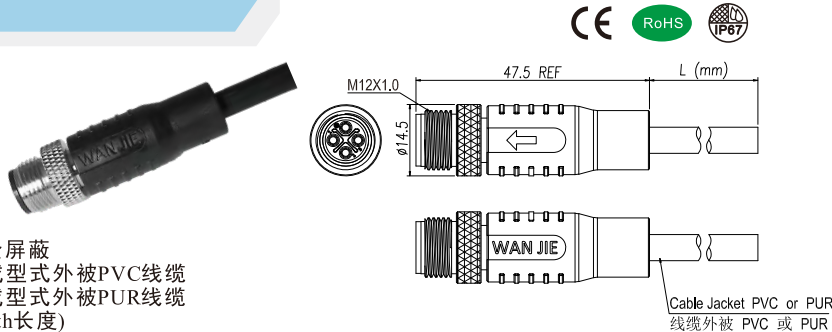
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Shielded 屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-RA2-F02-BC*-XXX M12-B03P-RA2-F02-BC*-XXX M12-C03P-RA2-F02-BC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-RA2-F02-BC*-XXX M12-B04P-RA2-F02-BC*-XXX M12-C04P-RA2-F02-BC*-XXX M12-D04P-RA2-F02-BC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-RA2-F02-BC*-XXX M12-B05P-RA2-F02-BC*-XXX M12-C05P-RA2-F02-BC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-RA2-F02-BC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-RA2-F02-BC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-RA2-F02-BC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-RA2-F02-BC*-XXX

M12 Male Molded Cables, S&T-Coding, Straight
M12 公头成型式线缆，S&T-Coding直头

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: S,T
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST0-M02-BC*-XXX
X:S,T Coding(S,T扣)
**:03,04Pin(Pin数)
ST0:0=UnShielded 非屏蔽, 2=Full Shield 全屏蔽
BCC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
BCR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-111
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

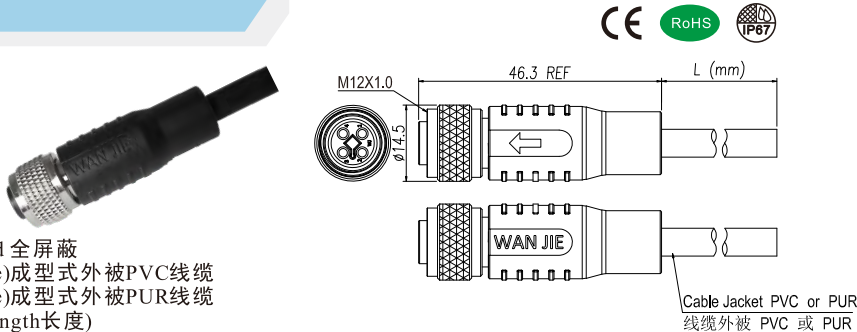
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: Shielded/UnShielded 屏蔽/非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Available Coding 防插错编码	Contacts Pin 芯数		Rated Current 额定电流	Rated Voltage 额定电压	Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	03Pins	04Pins			AWG	mm ²		
S-Coding			16A(03Pin) 12A(04Pin)	630V	16	1.5	PUR PVC	M12-S03P-ST*-M02-BC*-XXX M12-S04P-ST*-M02-BC*-XXX
T-Coding			12A	60V	16	1.5	PUR PVC	M12-T03P-ST0-M02-BC*-XXX M12-T04P-ST0-M02-BC*-XXX

M12 Female Molded Cables, S&T-Coding, Straight
M12 母头成型式线缆，S&T-Coding直头

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: S,T
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST0-F02-BC*-XXX
X:S,T Coding(S,T扣)
**:03,04Pin(Pin数)
ST0:0=UnShielded 非屏蔽, 2=Full Shield 全屏蔽
BCC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
BCR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-111
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

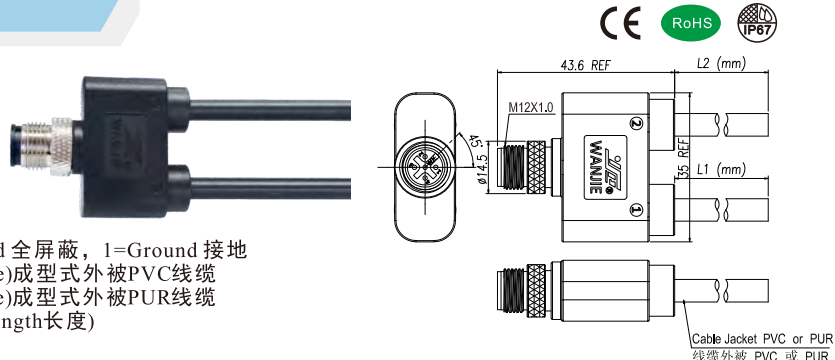
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Shielded/UnShielded 屏蔽/非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Available Coding 防插错编码	Contacts Pin 芯数		Rated Current 额定电流	Rated Voltage 额定电压	Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	03Pins	04Pins			AWG	mm ²		
S-Coding			16A(03Pin) 12A(04Pin)	630V	16	1.5	PUR PVC	M12-S03P-ST*-F02-BC*-XXX M12-S04P-ST*-F02-BC*-XXX
T-Coding			12A	60V	16	1.5	PUR PVC	M12-T03P-ST0-F02-BC*-XXX M12-T04P-ST0-F02-BC*-XXX

M12 Male Molded 2 Cables, Straight
M12 公头成型式双线缆，直头

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST0-M02-BV*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
ST0:0=UnShielded 非屏蔽, 2=Full Shield 全屏蔽, 1=Ground 接地
BVC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
BVR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

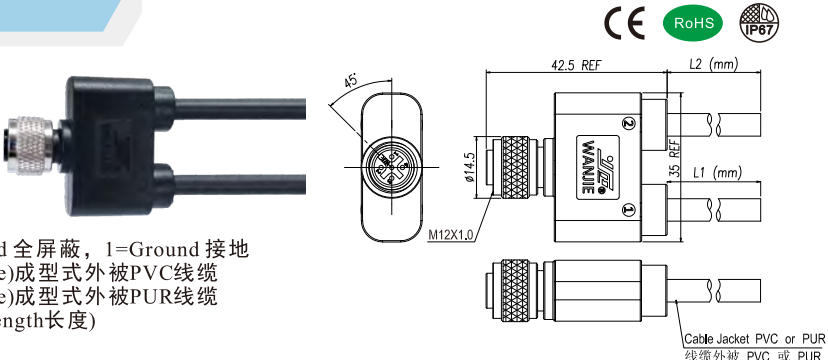
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: Shielded/UnShielded 屏蔽/非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST_*M02-BV*-XXX M12-B03P-ST_*M02-BV*-XXX M12-C03P-ST_*M02-BV*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST_*M02-BV*-XXX M12-B04P-ST_*M02-BV*-XXX M12-C04P-ST_*M02-BV*-XXX M12-D04P-ST_*M02-BV*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST_*M02-BV*-XXX M12-B05P-ST_*M02-BV*-XXX M12-C05P-ST_*M02-BV*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-ST_*M02-BV*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST_*M02-BV*-XXX

M12 Female Molded 2 Cables, Straight
M12 母头成型式双线缆，直头

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST0-F02-BV*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
*:03,04,05...Pin(Pin数)
ST0:0=UnShielded 非屏蔽, 2=Full Shield 全屏蔽, 1=Ground 接地
BVC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆
BVR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆
XXX:050=0.5M,100=1M,10M=10M...(Length长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

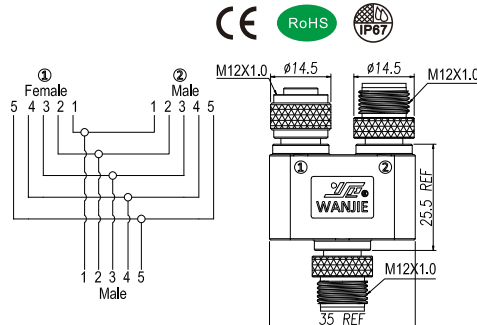
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Shielded/UnShielded 屏蔽/非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST*-F02-BV*-XXX M12-B03P-ST*-F02-BV*-XXX M12-C03P-ST*-F02-BV*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST*-F02-BV*-XXX M12-B04P-ST*-F02-BV*-XXX M12-C04P-ST*-F02-BV*-XXX M12-D04P-ST*-F02-BV*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST*-F02-BV*-XXX M12-B05P-ST*-F02-BV*-XXX M12-C05P-ST*-F02-BV*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-C06P-ST*-F02-BV*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST*-F02-BV*-XXX

M12 Y-Splitter, Male-Male-Female
M12 Y型分配器, 公-公-母

Connector Series 连接器系列: M12
 Gender 类型: Male 公 & Female 母
 Coding 编码: A, B, D
 Locking Type 装配方式: Fix Screw 锁螺丝
 Mounting Type 安装类型: Y-Splitter Y型分配器
 Part No 产品编号: M12-X*P-ST0-M02-BFM
 X:A,B,D Coding(A,B,D扣)
 **:03,04,05,08Pin(Pin数)
 ST0:0=UnShielded 非屏蔽, 2=Full Shield 全屏蔽, 1=Ground 接地
 BFM:①=F (Female) ②=M (Male)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
 Ambient Temperature 工作温度: -25°C~+90°C
 Insulation Resistance 绝缘电阻: ≥100MΩ
 Contact Resistance 接触电阻: ≤10mΩ
 IP Class 防护等级: IP67
 Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

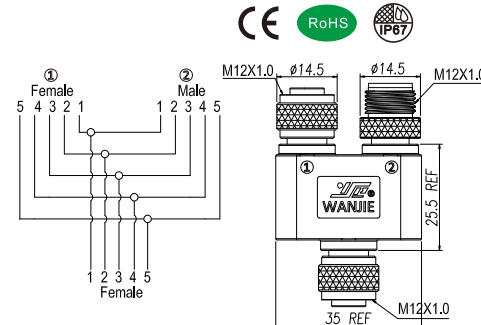
Connector plastic material 塑胶材料: PA,PU
 Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
 Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
 Shielding 屏蔽: Shielded/UnShielded 屏蔽/非屏蔽
 Seal/O-Ring 密封胶圈: FKM 氟橡胶

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Part NO.产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	
03Pins				4A	250V	250V	M12-A03P-ST0-M02-BFM M12-B03P-ST0-M02-BFM M12-A03P-ST2-M02-BFM M12-B03P-ST2-M02-BFM M12-A03P-ST1-M02-BFM M12-B03P-ST1-M02-BFM
							
04Pins				4A	250V	250V	M12-A04P-ST0-M02-BFM M12-B04P-ST0-M02-BFM M12-D04P-ST0-M02-BFM M12-A04P-ST2-M02-BFM M12-B04P-ST2-M02-BFM M12-D04P-ST2-M02-BFM M12-A04P-ST1-M02-BFM M12-B04P-ST1-M02-BFM M12-D04P-ST1-M02-BFM
							
05Pins				4A	60V	60V	M12-A05P-ST0-M02-BFM M12-B05P-ST0-M02-BFM M12-A05P-ST2-M02-BFM M12-B05P-ST2-M02-BFM M12-A05P-ST1-M02-BFM M12-B05P-ST1-M02-BFM
							
08Pins				2A	30V	30V	M12-A08P-ST0-M02-BFM M12-B08P-ST2-M02-BFM M12-A08P-ST1-M02-BFM
							

M12 Y-Splitter, Female-Male-Female
M12 Y型分配器, 母-公-母

Connector Series 连接器系列: M12
 Gender 类型: Male 公 & Female 母
 Coding 编码: A, B, D
 Locking Type 装配方式: Fix Screw 锁螺丝
 Mounting Type 安装类型: Y-Splitter Y型分配器
 Part No 产品编号: M12-X*P-ST0-F02-BFM
 X:A,B,D Coding(A,B,D扣)
 **:03,04,05,08Pin(Pin数)
 ST0:0=UnShielded 非屏蔽, 2=Full Shield 全屏蔽, 1=Ground 接地
 BFM:①=F (Female) ②=M (Male)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
 Ambient Temperature 工作温度: -25°C~+90°C
 Insulation Resistance 绝缘电阻: ≥100MΩ
 Contact Resistance 接触电阻: ≤10mΩ
 IP Class 防护等级: IP67
 Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

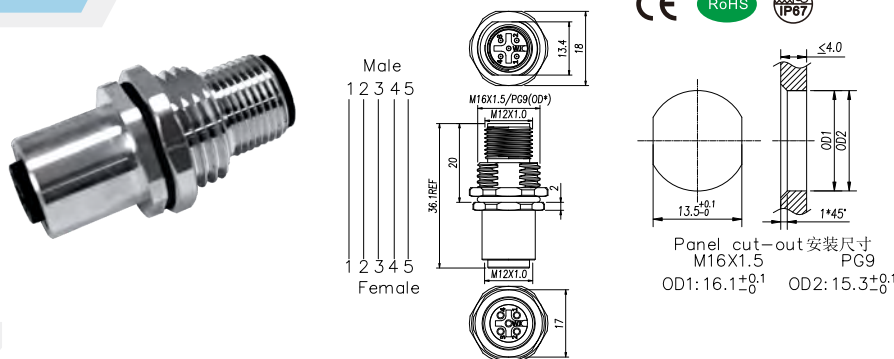
Connector plastic material 塑胶材料: PA,PU
 Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
 Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
 Shielding 屏蔽: Shielded/UnShielded 屏蔽/非屏蔽
 Seal/O-Ring 密封胶圈: FKM 氟橡胶

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Part NO.产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	
03Pins				4A	250V	250V	M12-A03P-ST0-F02-BFM M12-B03P-ST0-F02-BFM M12-A03P-ST2-F02-BFM M12-B03P-ST2-F02-BFM M12-A03P-ST1-F02-BFM M12-B03P-ST1-F02-BFM
							
04Pins				4A	250V	250V	M12-A04P-ST0-F02-BFM M12-B04P-ST0-F02-BFM M12-D04P-ST0-F02-BFM M12-A04P-ST2-F02-BFM M12-B04P-ST2-F02-BFM M12-D04P-ST2-F02-BFM M12-A04P-ST1-F02-BFM M12-B04P-ST1-F02-BFM M12-D04P-ST1-F02-BFM
							
05Pins				4A	60V	60V	M12-A05P-ST0-F02-BFM M12-B05P-ST0-F02-BFM M12-A05P-ST2-F02-BFM M12-B05P-ST2-M02-BFM M12-A05P-ST1-F02-BFM M12-B05P-ST1-F02-BFM
							
08Pins				2A	30V	30V	M12-A08P-ST0-F02-BFM M12-B08P-ST2-F02-BFM M12-A08P-ST1-F02-BFM
							

M12 Panel Mount I-Adapter, Male-Female
M12 面板式 I型转接器, 公-母

Connector Series 连接器系列: M12
Gender 类型: Male-Female 公-母
Coding 编码: A, B, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: I-Splitter I 型转接器
Part No 产品编号: M12-X**P-ST2-M02-BF*
X: A, B, D Coding (A, B, D 扣)
*: 03, 04, 05, 08 Pin (Pin 数)
ST2: Full Shield 全屏蔽
BF*: 1=M16X1.5 2=PG9, ... (OD*)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
Ambient Temperature 工作温度: -25°C~+90°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

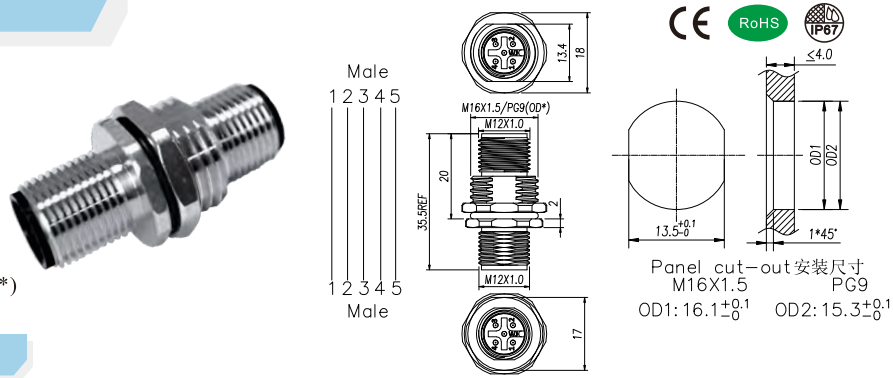
Connector plastic material 塑胶材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: Available 全屏蔽
Seal/O-Ring 密封胶圈: FKM 氟橡胶

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Part NO. 产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	
03Pins				4A	250V	250V	M12-A03P-ST2-M02-BF* M12-B03P-ST2-M02-BF*
04Pins				4A	250V	250V	M12-A04P-ST2-M02-BF* M12-B04P-ST2-M02-BF* M12-D04P-ST2-M02-BF*
05Pins				4A	60V	60V	M12-A05P-ST2-M02-BF* M12-B05P-ST2-M02-BF*
08Pins				2A	30V	30V	M12-A08P-ST2-M02-BF*

M12 Panel Mount I-Adapter, Male-Male
M12 面板式 I型转接器, 公-公

Connector Series 连接器系列: M12
Gender 类型: Male-Male 公-公
Coding 编码: A, B, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: I-Splitter I 型转接器
Part No 产品编号: M12-X**P-ST2-M02-BM*
X: A, B, D Coding (A, B, D 扣)
*: 03, 04, 05, 08 Pin (Pin 数)
ST2: Full Shield 全屏蔽
BM*: 1=M16X1.5 2=PG9, ... (OD*)



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
Ambient Temperature 工作温度: -25°C~+90°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

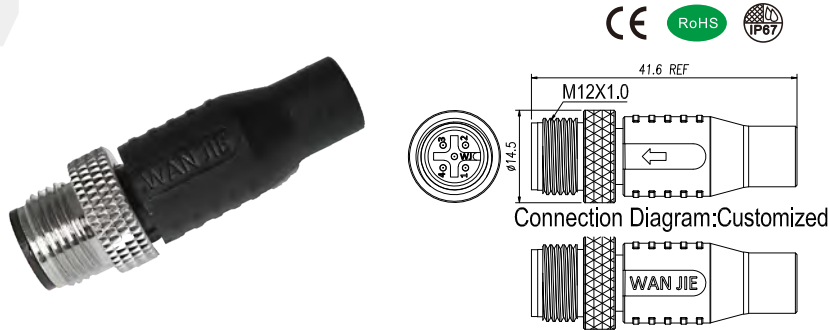
Connector plastic material 塑胶材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: Available 全屏蔽
Seal/O-Ring 密封胶圈: FKM 氟橡胶

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Part NO. 产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	
03Pins				4A	250V	250V	M12-A03P-ST2-M02-BM* M12-B03P-ST2-M02-BM*
04Pins				4A	250V	250V	M12-A04P-ST2-M02-BM* M12-B04P-ST2-M02-BM* M12-D04P-ST2-M02-BM*
05Pins				4A	60V	60V	M12-A05P-ST2-M02-BM* M12-B05P-ST2-M02-BM*
08Pins				2A	30V	30V	M12-A08P-ST2-M02-BM*

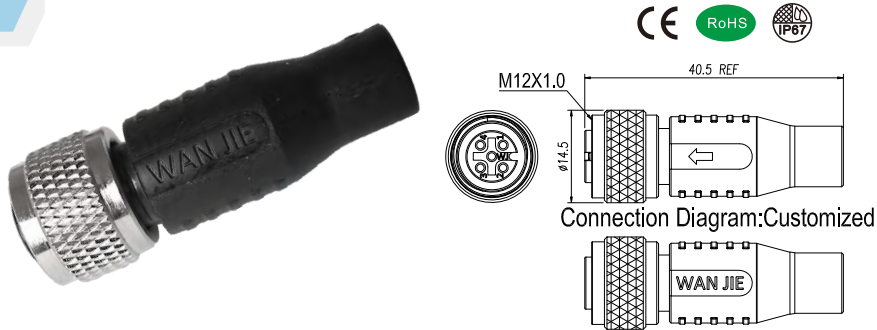
M12 Male Molded Terminator
M12 公头成型式堵头

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST0-M02-BMT
X:A,B,C,D Coding(A,B,C,D扣)
**:03,04,05...Pin(Pin数)
MT=Molded Terminator 成型式堵头



M12 Female Molded Terminator
M12 母头成型式堵头

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X*P-ST0-F02-BMT
X:A,B,C,D Coding(A,B,C,D扣)
**:03,04,05...Pin(Pin数)
MT=Molded Terminator 成型式堵头



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+90°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: UnShielded 非屏蔽
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	
03Pins					4A	250V	250V	M12-A03P-ST0-M02-BMT M12-B03P-ST0-M02-BMT M12-C03P-ST0-M02-BMT
04Pins					4A	250V	250V	M12-A04P-ST0-M02-BMT M12-B04P-ST0-M02-BMT M12-C04P-ST0-M02-BMT M12-D04P-ST0-M02-BMT
05Pins					4A 2A(C-code)	60V	60V	M12-A05P-ST0-M02-BMT M12-B05P-ST0-M02-BMT M12-C05P-ST0-M02-BMT
06Pins					2A	30V	30V	M12-C06P-ST0-M02-BMT
08Pins					2A	30V	30V	M12-A08P-ST0-M02-BMT
12Pins					1.5A	30V	30V	M12-A12P-ST0-M02-BMT
17Pins					1.5A	30V	30V	M12-A17P-ST0-M02-BMT

Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+90°C
Insulation Resistance 绝缘电阻: ≥100MΩ
Contact Resistance 接触电阻: ≤10mΩ
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

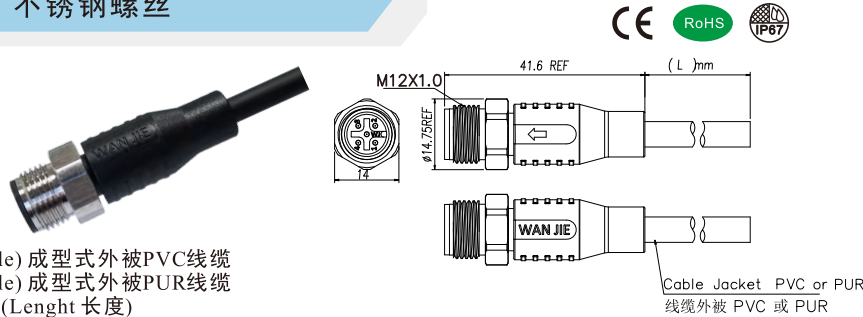
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Copper Alloy With Nickel Plated 铜镀镍
Shielding 屏蔽: UnShielded 非屏蔽
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	
03Pins					4A	250V	250V	M12-A03P-ST0-F02-BMT M12-B03P-ST0-F02-BMT M12-C03P-ST0-F02-BMT
04Pins					4A	250V	250V	M12-A04P-ST0-F02-BMT M12-B04P-ST0-F02-BMT M12-C04P-ST0-F02-BMT M12-D04P-ST0-F02-BMT
05Pins					4A 2A(C-code)	60V	60V	M12-A05P-ST0-F02-BMT M12-B05P-ST0-F02-BMT M12-C05P-ST0-F02-BMT
06Pins					2A	30V	30V	M12-C06P-ST0-F02-BMT
08Pins					2A	30V	30V	M12-A08P-ST0-F02-BMT
12Pins					1.5A	30V	30V	M12-A12P-ST0-F02-BMT
17Pins					1.5A	30V	30V	M12-A17P-ST0-F02-BMT

M12 Male Molded, Cables, Straight, UnShielded, Stainless steel Screw
M12 公头成型式线缆，直头，非屏蔽，不锈钢螺丝

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X**P-ST0-M02-SC*-XXX
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
CC=Cable Jacket PVC (For Molded Cable) 成型式外被PVC线缆
CR=Cable Jacket PUR (For Molded Cable) 成型式外被PUR线缆
XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

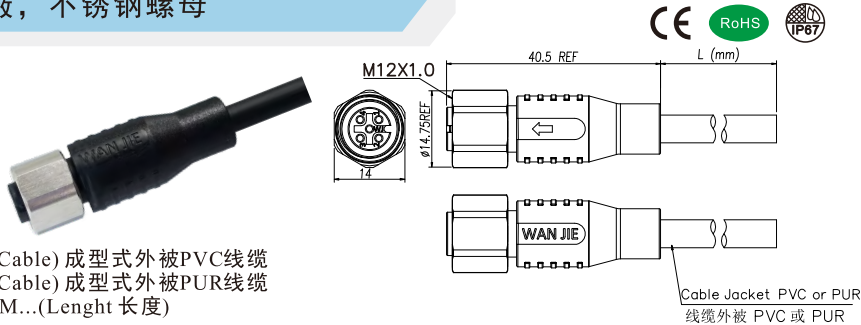
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Stainless steel 非屏蔽
Shielding 屏蔽: UnShielded 非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST0-M02-SC*-XXX M12-B03P-ST0-M02-SC*-XXX M12-C03P-ST0-M02-SC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST0-M02-SC*-XXX M12-B04P-ST0-M02-SC*-XXX M12-C04P-ST0-M02-SC*-XXX M12-D04P-ST0-M02-SC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST0-M02-SC*-XXX M12-B05P-ST0-M02-SC*-XXX M12-C05P-ST0-M02-SC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A06P-ST0-M02-SC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST0-M02-SC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST0-M02-SC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST0-M02-SC*-XXX

M12 Female Molded, Cables, Straight, UnShielded, Stainless Steel Nut
M12 母头成型式线缆，直头，非屏蔽，不锈钢螺母

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X**P-ST0-F02-SC*-XXX
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
CC=Cable Jacket PVC (For Molded Cable) 成型式外被PVC线缆
CR=Cable Jacket PUR (For Molded Cable) 成型式外被PUR线缆
XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

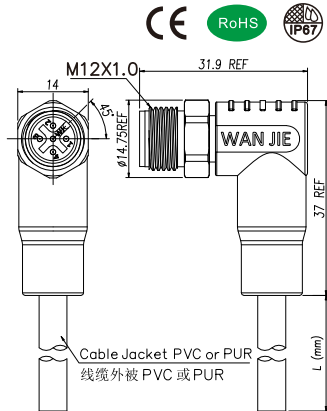
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Stainless steel 非屏蔽
Shielding 屏蔽: UnShielded 非屏蔽
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST0-F02-SC*-XXX M12-B03P-ST0-F02-SC*-XXX M12-C03P-ST0-F02-SC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST0-F02-SC*-XXX M12-B04P-ST0-F02-SC*-XXX M12-C04P-ST0-F02-SC*-XXX M12-D04P-ST0-F02-SC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST0-F02-SC*-XXX M12-B05P-ST0-F02-SC*-XXX M12-C05P-ST0-F02-SC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A06P-ST0-F02-SC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST0-F02-SC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST0-F02-SC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST0-F02-SC*-XXX

M12 Male Molded, Cables, Angled, UnShielded, Stainless steel Screw
M12 公头成型式线缆, 弯头, 非屏蔽, 不锈钢螺丝

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Angled 弯头
Part No 产品编号: M12-X**P-RA0-M02-SC*-XXX
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
CC=Cable Jacket PVC (For Molded Cable) 成型式外被 PVC 线缆
CR=Cable Jacket PUR (For Molded Cable) 成型式外被 PUR 线缆
XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

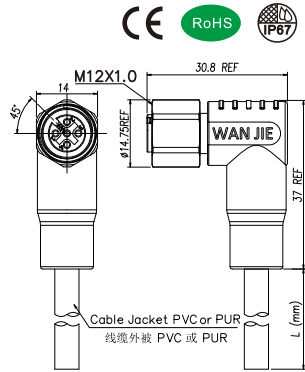
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Stainless steel 不锈钢
Shielding 屏蔽: UnShielded 非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-RA0-M02-SC*-XXX M12-B03P-RA0-M02-SC*-XXX M12-C03P-RA0-M02-SC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-RA0-M02-SC*-XXX M12-B04P-RA0-M02-SC*-XXX M12-C04P-RA0-M02-SC*-XXX M12-D04P-RA0-M02-SC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-RA0-M02-SC*-XXX M12-B05P-RA0-M02-SC*-XXX M12-C05P-RA0-M02-SC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A06P-RA0-M02-SC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-RA0-M02-SC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-RA0-M02-SC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-RA0-M02-SC*-XXX

M12 Female Molded, Cables, Angled, UnShielded, Stainless Steel Nut
M12 母头成型式线缆, 弯头, 非屏蔽, 不锈钢螺母

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Angled 弯头
Part No 产品编号: M12-X**P-RA0-F02-SC* XXX
X: A, B, C, D Coding (A, B, C, D 扣)
*: 03, 04, 05... Pin (Pin 数)
CC=Cable Jacket PVC (For Molded Cable) 成型式外被 PVC 线缆
CR=Cable Jacket PUR (For Molded Cable) 成型式外被 PUR 线缆
XXX: 050=0.5M, 100=1M, 10M=10M... (Length 长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

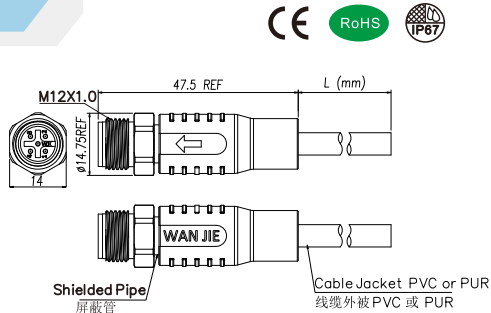
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Stainless steel 不锈钢
Shielding 屏蔽: UnShielded 非屏蔽
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-RA0-F02-SC*-XXX M12-B03P-RA0-F02-SC*-XXX M12-C03P-RA0-F02-SC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-RA0-F02-SC*-XXX M12-B04P-RA0-F02-SC*-XXX M12-C04P-RA0-F02-SC*-XXX M12-D04P-RA0-F02-SC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-RA0-F02-SC*-XXX M12-B05P-RA0-F02-SC*-XXX M12-C05P-RA0-F02-SC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A06P-RA0-F02-SC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-RA0-F02-SC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-RA0-F02-SC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-RA0-F02-SC*-XXX

M12 Male Molded, Cables, Straight, Shielded, Stainless steel Screw
M12 公头成型式线缆，直头，屏蔽，不锈钢螺丝

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X**P-ST2-M02-SC*XXX
X:A,B,C,D Coding(A,B,C,D扣)
**:03,04,05...Pin(Pin数)
ST2:2=Full Shield 全屏蔽
CC=Cable Jacket PVC(For Molded Cable) 成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable) 成型式外被PUR线缆
XXX:050=0.5M, 100=1M, 10M=10M...(Lenght 长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

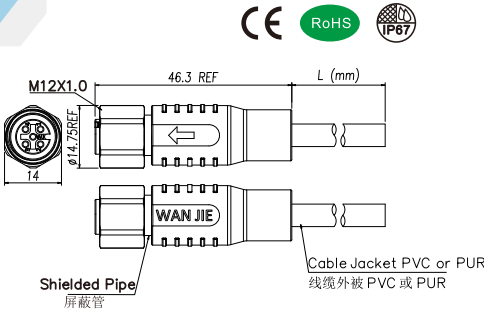
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Stainless steel 不锈钢
Shielding 屏蔽: Shielded 屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST2-M02-SC*-XXX M12-B03P-ST2-M02-SC*-XXX M12-C03P-ST2-M02-SC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST2-M02-SC*-XXX M12-B04P-ST2-M02-SC*-XXX M12-C04P-ST2-M02-SC*-XXX M12-D04P-ST2-M02-SC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST2-M02-SC*-XXX M12-B05P-ST2-M02-SC*-XXX M12-C05P-ST2-M02-SC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A06P-ST2-M02-SC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST2-M02-SC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST2-M02-SC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST2-M02-SC*-XXX

M12 Female Molded, Cables, Straight, Shielded, Stainless Steel Nut
M12 母头成型式线缆，直头，屏蔽，不锈钢螺母

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X**P-ST2-F02-SC*XXX
X:A,B,C,D Coding(A,B,C,D扣)
**:03,04,05...Pin(Pin数)
ST2:2=Full Shield 全屏蔽
CC=Cable Jacket PVC(For Molded Cable) 成型式外被PVC线缆
CR=Cable Jacket PUR(For Molded Cable) 成型式外被PUR线缆
XXX:050=0.5M, 100=1M, 10M=10M...(Lenght 长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

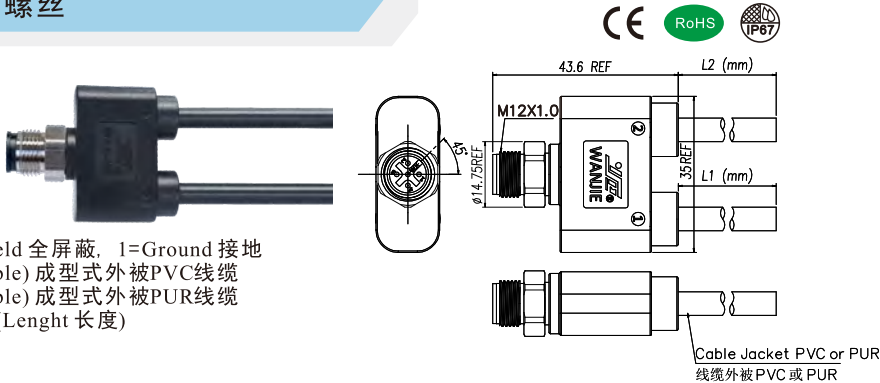
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Stainless steel 不锈钢
Shielding 屏蔽: Shielded 屏蔽
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST2-F02-SC*-XXX M12-B03P-ST2-F02-SC*-XXX M12-C03P-ST2-F02-SC*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST2-F02-SC*-XXX M12-B04P-ST2-F02-SC*-XXX M12-C04P-ST2-F02-SC*-XXX M12-D04P-ST2-F02-SC*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST2-F02-SC*-XXX M12-B05P-ST2-F02-SC*-XXX M12-C05P-ST2-F02-SC*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A06P-ST2-F02-SC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST2-F02-SC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12P-ST2-F02-SC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17P-ST2-F02-SC*-XXX

M12 Male Molded 2 Cables, Straight, Stainless steel Screw
M12 公头成型式双线缆，直头，不锈钢螺丝

Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X**P-ST0-M02-SV*XXX
X:A,B,C,D Coding(A,B,C,D扣)
**:03,04,05...Pin(Pin数)
ST0:0=UnShielded 非屏蔽, 2=Full Shield 全屏蔽, 1=Ground 接地
SVC=Cable Jacket PVC(For Molded Cable) 成型式外被PVC线缆
SVR=Cable Jacket PUR(For Molded Cable) 成型式外被PUR线缆
XXX:050=0.5M, 100=1M, 10M=10M...(Lenght 长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

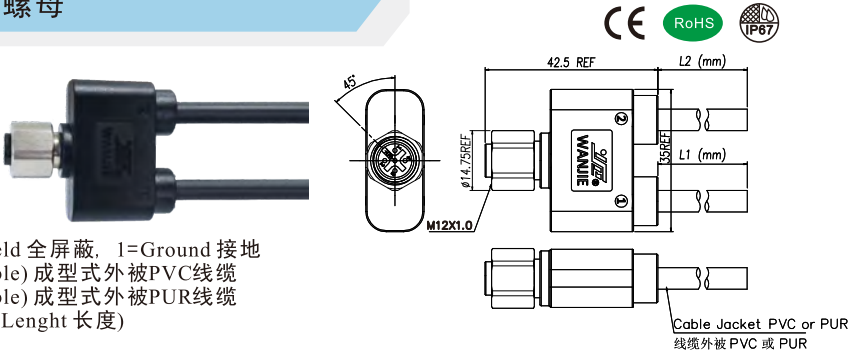
Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Stainless steel 不锈钢
Shielding 屏蔽: Shielded/UnShielded 屏蔽或非屏蔽
Connector Overmold 连接器外模: TPU

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST*-M02-SV*-XXX M12-B03P-ST*-M02-SV*-XXX M12-C03P-ST*-M02-SV*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST*-M02-SV*-XXX M12-B04P-ST*-M02-SV*-XXX M12-C04P-ST*-M02-SV*-XXX M12-D04P-ST*-M02-SV*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST*-M02-SV*-XXX M12-B05P-ST*-M02-SV*-XXX M12-C05P-ST*-M02-SV*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A06P-ST*-M02-SV*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST*-M02-SV*-XXX

M12 Female Molded 2 Cables, Straight, Stainless Steel Nut
M12 母头成型式双线缆，直头，不锈钢螺母

Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, C, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Straight 直头
Part No 产品编号: M12-X**P-ST0-F02-SV*XXX
X:A,B,C,D Coding(A,B,C,D扣)
**:03,04,05...Pin(Pin数)
ST0:0=UnShielded 非屏蔽, 2=Full Shield 全屏蔽, 1=Ground 接地
SVC=Cable Jacket PVC(For Molded Cable) 成型式外被PVC线缆
SVR=Cable Jacket PUR(For Molded Cable) 成型式外被PUR线缆
XXX:050=0.5M, 100=1M, 10M=10M...(Lenght 长度)



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076-2-101
Ambient Temperature 工作温度: -25°C~+80°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 胶芯材料: PA
Connector Contacts 接触端子: Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Stainless steel 不锈钢
Shielding 屏蔽: Shielded/UnShielded 屏蔽或非屏蔽
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Connector Overmold 连接器外模: TPU

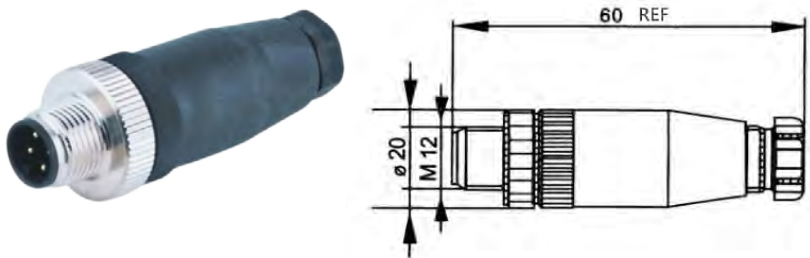
Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO.产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A03P-ST*-F02-SV*-XXX M12-B03P-ST*-F02-SV*-XXX M12-C03P-ST*-F02-SV*-XXX
04Pins					4A	250V	250V	22	0.34	PUR PVC	M12-A04P-ST*-F02-SV*-XXX M12-B04P-ST*-F02-SV*-XXX M12-C04P-ST*-F02-SV*-XXX M12-D04P-ST*-F02-SV*-XXX
05Pins					4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05P-ST*-F02-SV*-XXX M12-B05P-ST*-F02-SV*-XXX M12-C05P-ST*-F02-SV*-XXX
06Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A06P-ST*-F02-SV*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08P-ST*-F02-SV*-XXX

M12 Male Straight Field Assemble, Terminal Locking Screw Type, Unshielded
M12 公头直头组装式，端子锁螺钉连接，非屏蔽



Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Field Assemble 组装式
Part No 产品编号: M12-X*P-ST0-M04-PS*
X: A, B, D Coding (A, B, D 扣)
*: 03, 04, 05... Pin (Pin 数)
*: 1=Cable OD 4.0~6.0MM
2=Cable OD 6.0~8.0MM...



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
Ambient Temperatur 工作温度: -25°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 主体材料: PA
Connector Contacts 接触端子: Brass With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Zn Alloy With Nickel Plated 锌合金镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Terminal Locking Screw 锁螺钉连接

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins				4A	250V	250V	22	0.34	M12-A03P-ST0-M04-PS* M12-B03P-ST0-M04-PS*
04Pins				4A	250V	250V	22	0.34	M12-A04P-ST0-M04-PS* M12-B04P-ST0-M04-PS* M12-D04P-ST0-M04-PS*
05Pins				4A	60V	60V	22	0.34	M12-A05P-ST0-M04-PS* M12-B05P-ST0-M04-PS*
08Pins				2A	30V	30V	24	0.25	M12-A08P-ST0-M04-PS*

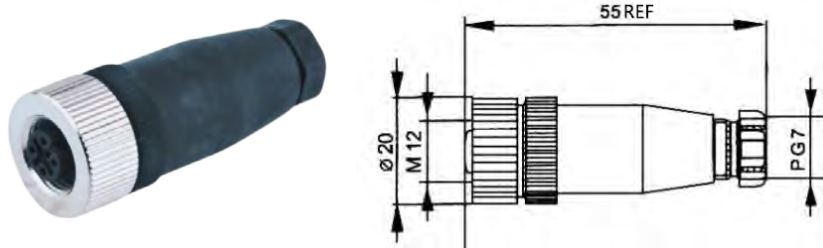
Component Part Drawing 零件示意图



M12 Female Straight Field Assemble, Terminal Locking Screw Type, Unshielded
M12 母头直头组装式，端子锁螺钉连接，非屏蔽



Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Field Assemble 组装式
Part No 产品编号: M12-X*P-ST0-F04-PS*
X: A, B, D Coding (A, B, D 扣)
*: 03, 04, 05... 8Pin (Pin 数)
*: 1=Cable OD 4.0~6.0MM
2=Cable OD 6.0~8.0MM...



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
Ambient Temperatur 工作温度: -25°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 主体材料: PA
Connector Contacts 接触端子: Brass With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Zn Alloy With Nickel Plated 锌合金镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Terminal Locking Screw 锁螺钉连接

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins				4A	250V	250V	22	0.34	M12-A03P-ST0-F04-PS* M12-B03P-ST0-F04-PS*
04Pins				4A	250V	250V	22	0.34	M12-A04P-ST0-F04-PS* M12-B04P-ST0-F04-PS* M12-D04P-ST0-F04-PS*
05Pins				4A	60V	60V	22	0.34	M12-A05P-ST0-F04-PS* M12-B05P-ST0-F04-PS*
08Pins				2A	30V	30V	24	0.25	M12-A08P-ST0-F04-PS*

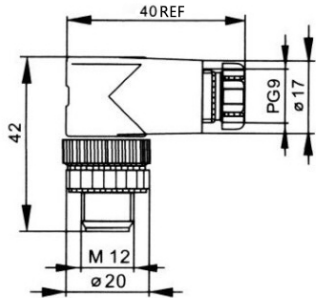
Component Part Drawing 零件示意图



M12 Male Angled Field Assemble, Terminal Locking Screw Type, Unshielded
M12 公头弯头组装式，端子锁螺钉连接，非屏蔽



Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Field Assemble 组装式
Part No 产品编号: M12-X*P-RA0-M04-PS*
X: A, B, D Coding (A, B, D 扣)
*: 03, 04, 05... 8Pin (Pin 数)
1=Cable OD 4.0~6.0MM
2=Cable OD 6.0~8.0MM...



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
Ambient Temperature 工作温度: -25°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 主体材料: PA
Connector Contacts 接触端子: Brass With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Zn Alloy With Nickel Plated 锌合金镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Terminal Locking Screw 锁螺钉连接

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins				4A	250V	250V	22	0.34	M12-A03P-RA0-M04-PS* M12-B03P-RA0-M04-PS*
04Pins				4A	250V	250V	22	0.34	M12-A04P-RA0-M04-PS* M12-B04P-RA0-M04-PS* M12-D04P-RA0-M04-PS*
05Pins				4A	60V	60V	22	0.34	M12-A05P-RA0-M04-PS* M12-B05P-RA0-M04-PS*
08Pins				2A	30V	30V	24	0.25	M12-A08P-RA0-M04-PS*

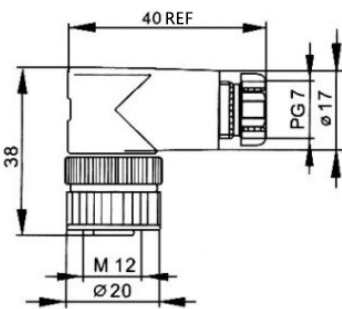
Component Part Drawing 零件示意图



M12 Female Angled Field Assemble, Terminal Locking Screw Type, Unshielded
M12 母头弯头组装式，端子锁螺钉连接，非屏蔽



Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Field Assemble 组装式
Part No 产品编号: M12-X*P-RA0-F04-PS*
X: A, B, D Coding (A, B, D 扣)
*: 03, 04, 05... 8Pin (Pin 数)
1=Cable OD 4.0~6.0MM
2=Cable OD 6.0~8.0MM...



General Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
Ambient Temperature 工作温度: -25°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 主体材料: PA
Connector Contacts 接触端子: Brass With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Zn Alloy With Nickel Plated 锌合金镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: UnShielded 非屏蔽
Contacts Termination 连接方式: Terminal Locking Screw 锁螺钉连接

Electrical Data & Mechanical Data 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins				4A	250V	250V	22	0.34	M12-A03P-RA0-F04-PS* M12-B03P-RA0-F04-PS*
04Pins				4A	250V	250V	22	0.34	M12-A04P-RA0-F04-PS* M12-B04P-RA0-F04-PS* M12-D04P-RA0-F04-PS*
05Pins				4A	60V	60V	22	0.34	M12-A05P-RA0-F04-PS* M12-B05P-RA0-F04-PS*
08Pins				2A	30V	30V	24	0.25	M12-A08P-RA0-F04-PS*

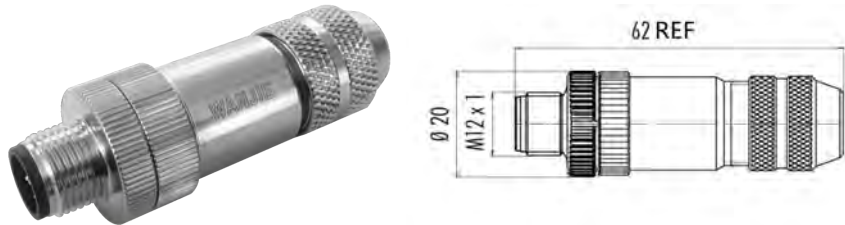
Component Part Drawing 零件示意图



M12 Male Straight Field Assemble, Terminal Locking Screw Type, Shielded
M12 公头直头组装式，端子锁螺钉连接，屏蔽



Connector Series 连接器系列: M12
Gender 类型: Male 公
Coding 编码: A, B, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Field Assemble 组装式
Part No 产品编号: M12-X*P-ST2-M04-ZS*
X: A, B, D Coding (A, B, D 扣)
*: 03, 04, 05... 8 Pin (Pin 数)
*: 1=Cable OD 4.0~6.0MM
2=Cable OD 6.0~8.0MM...



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
Ambient Temperatur 工作温度: -25°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 主体材料: Zn Alloy With Nickel Plated 锌合金镀镍
Connector Contacts 接触端子: Brass With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Zn Alloy With Nickel Plated 锌合金镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Shielded 屏蔽
Contacts Termination 连接方式: Terminal Locking Screw 锁螺钉连接

Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins				4A	250V	250V	22	0.34	M12-A03P-ST2-M04-ZS* M12-B03P-ST2-M04-ZS*
04Pins				4A	250V	250V	22	0.34	M12-A04P-ST2-M04-ZS* M12-B04P-ST2-M04-ZS* M12-D04P-ST2-M04-ZS*
05Pins				4A	60V	60V	22	0.34	M12-A05P-ST2-M04-ZS* M12-B05P-ST2-M04-ZS*
08Pins				2A	30V	30V	24	0.25	M12-A08P-ST2-M04-ZS*

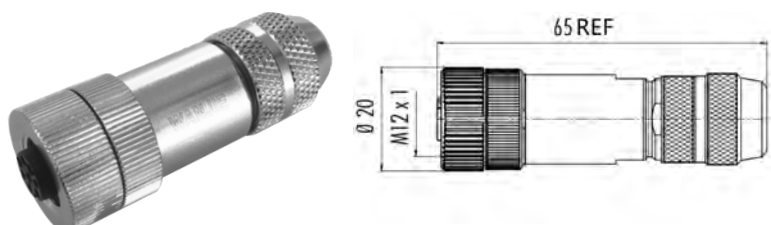
Component Part Drawing 零件示意图



M12 Female Straight Field Assemble, Terminal Locking Screw Type, Shielded
M12 母头直头组装式，端子锁螺钉连接，屏蔽



Connector Series 连接器系列: M12
Gender 类型: Female 母
Coding 编码: A, B, D
Locking Type 装配方式: Fix Screw 锁螺丝
Mounting Type 安装类型: Field Assemble 组装式
Part No 产品编号: M12-X*P-ST2-F04-ZS*
X: A, B, D Coding (A, B, D 扣)
*: 03, 04, 05... 8 Pin (Pin 数)
*: 1=Cable OD 4.0~6.0MM
2=Cable OD 6.0~8.0MM...



Gerneral Information 基本信息

Technical data 技术参数

Standard 标准: IEC61076
Ambient Temperatur 工作温度: -25°C~+105°C
Insulation Resistance 绝缘电阻: $\geq 100M\Omega$
Contact Resistance 接触电阻: $\leq 10m\Omega$
IP Class 防护等级: IP67
Mating Endurance 机械寿命: >100 Mating Cycles

Material Data 材质说明

Connector Carriers 主体材料: Zn Alloy With Nickel Plated 锌合金镀镍
Connector Contacts 接触端子: Brass With Gold Plated 铜镀金
Connector Nut/Screw 螺母/螺丝: Zn Alloy With Nickel Plated 锌合金镀镍
Seal/O-Ring 密封胶圈: FKM 氟橡胶
Shielding 屏蔽: Shielded 屏蔽
Contacts Termination 连接方式: Terminal Locking Screw 锁螺钉连接

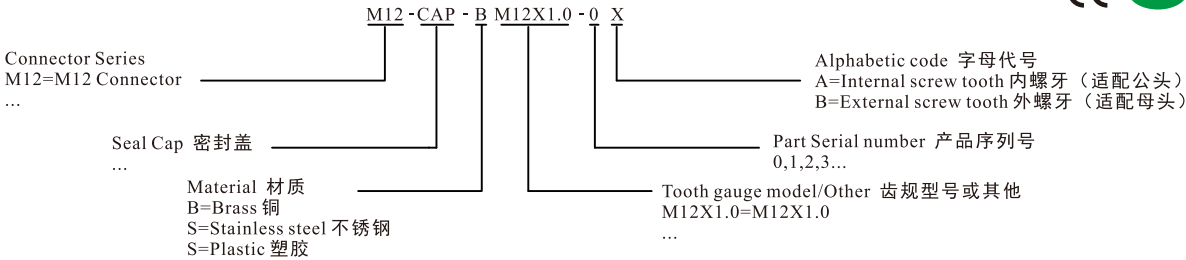
Electrical Data & Mechanical Date 电气参数&机械参数

Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins				4A	250V	250V	22	0.34	M12-A03P-ST2-F04-ZS* M12-B03P-ST2-F04-ZS*
04Pins				4A	250V	250V	22	0.34	M12-A04P-ST2-F04-ZS* M12-B04P-ST2-F04-ZS* M12-D04P-ST2-F04-ZS*
05Pins				4A	60V	60V	22	0.34	M12-A05P-ST2-F04-ZS* M12-B05P-ST2-F04-ZS*
08Pins				2A	30V	30V	24	0.25	M12-A08P-ST2-F04-ZS*

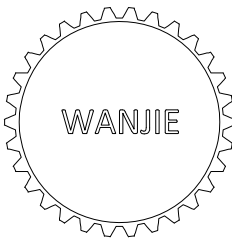
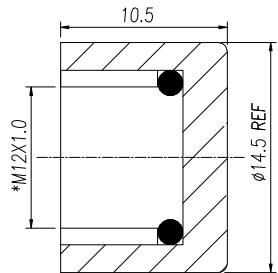
Component Part Drawing 零件示意图



M12 Seal Cap
M12 密封盖

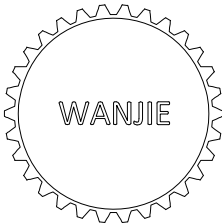
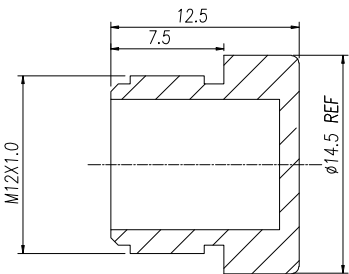


Connector Seal Cover Series 连接器密封盖系列: M12
Gender 类型: For Male 适配 M12公头
Locking Type 装配方式: Fix Screw 锁螺丝
Part No 产品编号: M12-CAP-BM12X1. 0-0A
Product Figure 产品图:



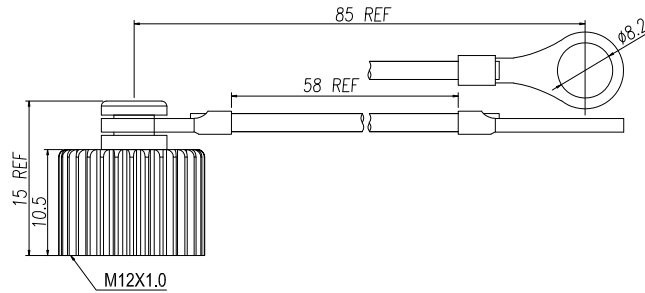
Nut/Screw Material 主体材质: Copper Alloy With Nickel Plated 铜镀镍
O-ring 胶圈: FKM 氟橡胶
Degree Of Protection 防护等级: IP67 In Locked Condition 锁紧状态达IP67

Connector Seal Cover Series 连接器密封盖系列: M12
Gender 类型: For Male 适配 M12母头
Locking Type 装配方式: Fix Screw 锁螺丝
Part No 产品编号: M12-CAP-BM12X1. 0-0B
Product Figure 产品图:



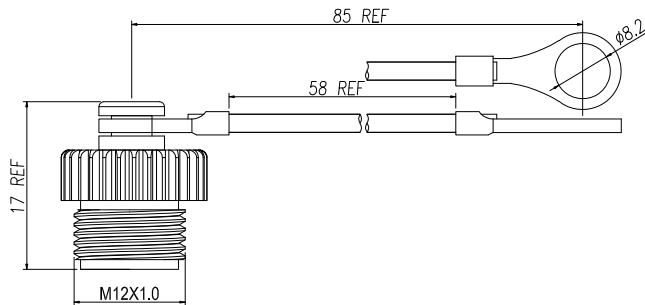
Nut/Screw Material 主体材质: Copper Alloy With Nickel Plated 铜镀镍
Degree Of Protection 防护等级: IP67 In Locked Condition 锁紧状态达IP67

Connector Seal Cover Series 连接器密封盖系列: M12
Gender 类型: For Male 适配 M12公头
Locking Type 装配方式: Fix Screw 锁螺丝
Part No 产品编号: M12-CAP-BM12X1. 0-1A
Product Figure 产品图:



Nut/Screw Material 主体材质: Copper Alloy With Nickel Plated 铜镀镍
O-ring 胶圈: FKM 氟橡胶
Degree Of Protection 防护等级: IP67 In Locked Condition 锁紧状态达IP67

Connector Seal Cover Series 连接器密封盖系列: M12
Gender 类型: For Male 适配 M12母头
Locking Type 装配方式: Fix Screw 锁螺丝
Part No 产品编号: M12-CAP-BM12X1. 0-1B
Product Figure 产品图:



Nut/Screw Material 主体材质: Copper Alloy With Nickel Plated 铜镀镍
Degree Of Protection 防护等级: IP67 In Locked Condition 锁紧状态达IP67