BEISIT®

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

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

浙江杭州余杭经济技术开发区唐梅路1号　　邮编：311100

Add.: 1, Tangmei Rd., Yuhang Economic-Technological Development Area, Hangzhou, Zhejiang 311100, China

Te l: 0086-571-8936 2888　　E-mail: info@beisit.com

Http: // www.beisit.cn　　Http: // www.beisit.com

BEISIT GMBH

Parkstraße 24,65812 Bad Soden am Taunus,Hessen,Germany

Tel:0049-152-2219-5315

E-mail: alex@beisit.com　　www.beisit.eu

M12 Circular Connectors

M12圆形连接器

微信公众号　　官网

We reserve the right to make technical changes ormodify the contents of this document without prior notice. All the agreed particulars shall prevail. All rights reserved.

BCC0122

HANGZHOU • CHINA

"I" stands for "Integrity 诚信"
"I" stands for "International 国际"
"BEST": Best 最好

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

倍仕得

倍：即多，广聚英才；加倍，业精于勤；倍增，高效发展
pronounced as "bei", means “more”, gathering more talents;mastery of work comes from more diligence; developing with high efficiency.

仕：人才，德才兼备；仕途，个人和企业前景光明
pronounced as "shi", means“talents”，a person with ability and integrity; Both enterprise and individual should have a bright future, indicating the idea of people-oriented.

得：拥有，拥有更高价值
pronounced as "de",means “possess”, to create and possess higher value.

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

倍仕得园区鸟瞰图
Beisit factory Aeroview

董事长寄语
Chairman Send Words

做人，把人品做好；

做企业，把产品做好。

董事长：

研发中心
R&D Center

强大的产品研发能力
Strong and Efficient R&D

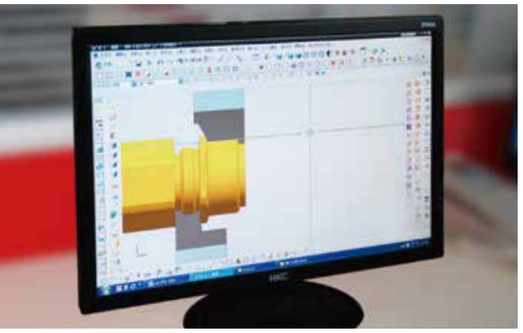
模具中心
Mold Processing Center

精密模具设计制造能力
Ability for Designing and Manufacturing of Precise Mould
为客户特殊定制能力
Customization.

精密刀具设计制造
Design and Manufacture of Precise Cutting Tools

精密刀具设计制造能力
Design and Manufacture of Precision Cutting Tools.

为客户定制精密产品
Customization of High-precision Products for Customers



检测中心
Testing Center

先进的检测设备，全流程产品检测
Advanced Testing Equipment, Full-process Product Testing

倍仕得产品检验遵循德国DIN、VDE标准和美国UL标准
Product Tests follow German standard of DIN, VDE and American UL Standard
产品符合欧洲最新EN标准和ATEX标准
Comply with Lastest of EN and ATEX European standard

电性能：
接触电阻、绝缘电阻、温升、耐电压、频谱、矢量网络

Electrical Performance:
Contact Resistance、Insulation Resistance、Temperature Rise、Withstand Voltage、Spectrum、Vector Network

机械性能：
插入力和拔出力、正向压力、机械操作寿命、拉脱力、吊重、落球冲击、硬度、附着力

Mechanical properties:
Insertion Force and Pull-out Force、Forward Pressure、Mechanical Lifespan、Pull off Force、Lifting Weight、Drop Impact、Hardness、Adhesion

环境性能：
高温/低温、温度快速变化、稳态湿热/循环湿热、防尘/防水、抗UV、阻燃、盐雾腐蚀、硫化腐蚀

Environmental Performance:
High / low Temperature、Rapid Temperature Change、Steady State Damp Heat / Cyclic Damp Heat、Dustproof / Saterproof、Anti UV、Flame Retardant、Salt Spray Corrosion、Vulcanization Corrosion

企业认证
Company Certifications

IRIS Certification

ISO9001

ISO14001

ISO45001

信息化系统
Lnformatization System

BEISIT®

高效快捷的信息化系统
Efficient and fast Informatization system.

企业文化
Corporate Culture

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

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

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

目录 Contents

M12 Circular introduction

01 M12圆形连接器概述 / M12 Circular connectors introduction

Receptacles

02 M系列连接器板端安装型 / M Series Receptacles
03 产品型号说明 / Product model description
04 M12 A码，母头后端安装，焊杯，PG9安装螺纹，标准螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
05 M12 A码，母头前端安装，焊杯，PG9安装螺纹，标准螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
06 M12 A码，母头后端安装，焊杯，PG9安装螺纹，不带螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
07 M12 A码，母头前端安装，焊杯，PG9安装螺纹，不带螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
08 M12 A码，母头后端安装，焊杯，PG9安装螺纹，齿形螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
09 M12 A码，母头前端安装，焊杯，PG9安装螺纹，齿形螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
10 M12 A码，公头后端安装，焊杯，PG9安装螺纹，标准螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
11 M12 A码，公头前端安装，焊杯，PG9安装螺纹，标准螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
12 M12 A码，公头后端安装，焊杯，PG9安装螺纹，不带螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
13 M12 A码，公头前端安装，焊杯，PG9安装螺纹，不带螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
14 M12 A码，公头后端安装，焊杯，PG9安装螺纹，齿形螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
15 M12 A码，公头前端安装，焊杯，PG9安装螺纹，齿形螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
16 M12 A码，母头后端安装，焊杯，M16安装螺纹，标准螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
17 M12 A码，母头前端安装，焊杯，M16安装螺纹，标准螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
18 M12 A码，母头后端安装，焊杯，M16安装螺纹，不带螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
19 M12 A码，母头前端安装，焊杯，M16安装螺纹，不带螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
20 M12 A码，母头后端安装，焊杯，M16安装螺纹，齿形螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
21 M12 A码，母头前端安装，焊杯，M16安装螺纹，齿形螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
22 M12 A码，公头后端安装，焊杯，M16安装螺纹，标准螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
23 M12 A码，公头前端安装，焊杯，M16安装螺纹，标准螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
24 M12 A码，公头后端安装，焊杯，M16安装螺纹，不带螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
25 M12 A码，公头前端安装，焊杯，M16安装螺纹，不带螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
26 M12 A码，公头后端安装，焊杯，M16安装螺纹，齿形螺母
> M12 Receptacle, Solder cup, Rear mounted, A-code
27 M12 A码，公头前端安装，焊杯，M16安装螺纹，齿形螺母
> M12 Receptacle, Solder cup, Front mounted, A-code
28 M12 D码，公头，PCB，M16安装螺纹，标准螺母
> M12 Receptacle, PCB, Rear mounted, D-code
29 M12 X码，母头，PCB，M16安装螺纹，标准螺母
> M12 Receptacle, PCB, Rear mounted, X-code

Receptacle stranded wires

30 M系列连接器板端安装自带电子线 / The M Series Receptacles, Stranded Wires
31 产品型号说明 / Product model description
32 电线颜色 / Wire Color
33 M12 A码，母头后端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, A-code
34 M12 A码，母头前端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, A-code

Receptacle stranded wires

35 M12 A码，母头后端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, A-code
36 M12 A码，母头前端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, A-code
37 M12 A码，母头后端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, A-code
38 M12 A码，母头前端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, A-code
39 M12 A码，公头后端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, A-code
40 M12 A码，公头前端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, A-code
41 M12 A码，公头后端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, A-code
42 M12 A码，公头前端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, A-code
43 M12 A码，公头后端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, A-code
44 M12 A码，公头前端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, A-code
45 M12 A码，母头后端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, A-code
46 M12 A码，母头前端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, A-code
47 M12 A码，母头后端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, A-code
48 M12 A码，母头前端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, A-code
49 M12 A码，母头后端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, A-code
50 M12 A码，母头前端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, A-code
51 M12 A码，公头后端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, A-code
52 M12 A码，公头前端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, A-code
53 M12 A码，公头后端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, A-code
54 M12 A码，公头前端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, A-code
55 M12 A码，公头后端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, A-code
56 M12 A码，公头前端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, A-code
57 M12 K码，公头后端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, K-code
58 M12 K码，公头后端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, K-code
59 M12 K码，公头后端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, K-code
60 M12 K码，公头前端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, K-code
61 M12 K码，公头前端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, K-code
62 M12 K码，公头前端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, K-code
63 M12 K码，公头后端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, K-code
64 M12 K码，公头后端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, K-code
65 M12 K码，公头后端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, K-code
66 M12 K码，公头前端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, K-code
67 M12 K码，公头前端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, K-code
68 M12 K码，公头前端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, K-code
69 M12 L码，公头后端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, L-code

目录 Contents

Receptacle stranded wires

70 M12 L码，公头后端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, L-code
71 M12 L码，公头后端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, L-code
72 M12 L码，公头前端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, L-code
73 M12 L码，公头前端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, L-code
74 M12 L码，公头前端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, L-code
75 M12 L码，公头后端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, L-code
76 M12 L码，公头后端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, L-code
77 M12 L码，公头后端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, L-code
78 M12 L码，公头前端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, L-code
79 M12 L码，公头前端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, L-code
80 M12 L码，公头前端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, L-code
81 M12 S码，公头后端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, S-code
82 M12 S码，公头后端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, S-code
83 M12 S码，公头后端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, S-code
84 M12 S码，公头前端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, S-code
85 M12 S码，公头前端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, S-code
86 M12 S码，公头前端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, S-code
87 M12 S码，公头后端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, S-code
88 M12 S码，公头后端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, S-code
89 M12 S码，公头后端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, S-code
90 M12 S码，公头前端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, S-code
91 M12 S码，公头前端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, S-code
92 M12 S码，公头前端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, S-code
93 M12 T码，公头后端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, T-code
94 M12 T码，公头后端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, T-code
95 M12 T码，公头后端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, T-code
96 M12 T码，公头前端安装，电子线，PG9安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, T-code
97 M12 T码，公头前端安装，电子线，PG9安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, T-code
98 M12 T码，公头前端安装，电子线，PG9安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, T-code
99 M12 T码，公头后端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Rear mounted, T-code
100 M12 T码，公头后端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Rear mounted, T-code
101 M12 T码，公头后端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Rear mounted, T-code
102 M12 T码，公头前端安装，电子线，M16安装螺纹，标准螺母
> M12 Receptacle, Wires, Front mounted, T-code
103 M12 T码，公头前端安装，电子线，M16安装螺纹，齿形螺母
> M12 Receptacle, Wires, Front mounted, T-code
104 M12 T码，公头前端安装，电子线，M16安装螺纹，不带螺母
> M12 Receptacle, Wires, Front mounted, T-code

Cable overmolded

105 M系列预铸电缆连接器（单端）/ The overmolded connection cable
106 产品型号说明 / Product model description
107 电线颜色 / Wire Color
108 M12 A码，母头直头，非屏蔽
> M12 Overmolded connection cable, Anti-vibration, A-code
109 M12 A码，母头直头，屏蔽
> M12 Overmolded connection cable, Shielded, Anti-vibration, A-code
110 M12 A码，母头弯头，非屏蔽
> M12 Overmolded connection cable, Anti-vibration, A-code
111 M12 A码，母头弯头，屏蔽
> M12 Overmolded connection cable, Shielded, Anti-vibration, A-code
112 M12 A码，公头直头，非屏蔽
> M12 Overmolded connection cable, Anti-vibration, A-code
113 M12 A码，公头直头，屏蔽
> M12 Overmolded connection cable, Shielded, Anti-vibration, A-code
114 M12 A码，公头弯头，非屏蔽
> M12 Overmolded connection cable, Anti-vibration, A-code
115 M12 A码，公头弯头，屏蔽
> M12 Overmolded connection cable, Shielded, Anti-vibration, A-code
116 M系列预铸电缆连接器（双端）/ The overmolded extension cable
117 产品型号说明 / Product model description
118 电线颜色 / Wire Color
119 M12 A码，母头直头，公头直头，非屏蔽
> M12 Overmolded extention cable, Anti-vibration, A-code
120 M12 A码，母头直头，公头直头，屏蔽
> M12 Overmolded extention cable, Shielded, Anti-vibration, A-code

Technical guidance

121 金属材料 / Metal Materials
122 塑料材料 / Plastic Materials
124 IP防护等级 / IP Protection Classification
125 IEC60664-1 技术信息IE / C60664-1 Technical information
127 IEC60352-2 技术信息IE / C60352-2 Technical information

Index

128 索引 / Index

M12圆形连接器概述
M12 Circular connectors introduction

M12系列圆形连接器是一款符合IEC 61076-2-101、IEC 61076-2-109、IEC 61076-2-111、IEC 61076-2-113等国际标准的产品，它的特点是连接可靠、稳定，体积轻巧，使用便捷。适用于过程自动控制及工业应用、自动化设备，电子设备，电子仪器仪表，传感器，商业运输，以及军用/航空应用。

BEISIT M12 circular connector conforms to IEC 61076-2-101、IEC 61076-2-109、IEC 61076-2-111、IEC 61076-2-113 standard。It provides reliable and stable connection with light weight and small profile, which is quick and easy to use. BEISIT M12 increases your option in numerous industries and area of applications in electrical automation, railway, control systems and many others.

我们可提供板前安装，板后安装，法兰安装等多种不同安装形式的插座。插座可提供接线后的成品，接线种类、规格与长度均可按照客户需求执行。提供的插头包括注塑成缆形式的，可现场装配形式的，以满足客户的实际需要。

We offer various kinds of connector orientations in mounting including front, rear and square-flange. The cable version comes with field cabling, pre-assembled, pre-molded with designated cable length upon the customers specifications.

表1–连接器额定值 Table 1—Ratings of connectors

编码 Coding	样式 Style	芯数 Pins	额定电压(V) Rated Voltage AC or DC (V)	额定脉冲电压(KV) Rated Impulse Voltage (KV)	额定电流(A) Rated Current (A)	污染度a) Pollution Degree
A	5way	2 to 4	250	2.5	4	3a
		5	60	1.5	4	3a
	8way	6 to 8	30	0.8	2	3a
	12way	9 to 12	30	0.8	1.5	3a
	17way	13 to 17	30	0.8	1.5	3a
B	5way	5	60	1.5	4	3a
D	4way	4	250	2.5	4	3a
X	8way	8	50	0.8	0.5	2a
K	5way(4+PE)	3(2+PE)	630	6	12	3a
		4(3+PE)	630	6	12	3a
		5(4+PE)	630	6	12	3a
L	5way	3(2+FE)	63	1.5	16	3a
		4(3+FE)	63	1.5	16	3a
		5(4+FE)	63	1.5	16	3a
	4way	2	63	1.5	16	3a
		3	63	1.5	16	3a
		4	63	1.5	16	3a
S	4way(3+PE)	4(3+PE)	630	6	12	3a
	3way(2+PE)	3(2+PE)	630	6	12	3a
T	4way	2 to 4	63	1.5	12	3a

a)：只在装配锁紧情况下。 Only in mated and locked condition.

M12 M系列连接器板端安装型
M Series Receptacles

板后安装，母头
Rear mounted，Female

板前安装，母头
Front mounted，Female

板后安装，公头
Rear mounted，Male

板前安装，公头
Front mounted，Male

产品特点 Product Features

- M系列连接器板端安装型产品,种类丰富,设计紧凑,灵活易操作。
  M series receptacles, with varieties, compact design, flexibility and easy operation.
- 依据IEC 61076-2标准设计，兼容国内外各大品牌同类产品。
  Compatible with similar products of main international brands, according to IEC 61076-2.
- 外壳多种材质可选,能满足不同应用场景需求。
  A variety of materials are available for the housing, which can meet the needs of different application scenarios.
- 优质铜合金导体表面镀金处理，提高接触件耐腐蚀性的同时也能满足高频率插拔的需求。
  The surface of the high-quality copper alloy conductor is gold-plated, which improves the corrosion resistance of the contacts and also meets the needs of high-frequency insertion and removal.
- 为客户提供定制特殊应用及个性化需求的产品。
  Provide customers with customized products for special applications and individual needs.

A-Code B-Code D-Code X-Code K-Code L-Code S-Code T-Code

产品型号说明
Product model description

Receptacle 板端安装式连接器型谱

M12 A 05 F B RB 9 SC 001

Version No.版本序列
- 001 Standard标准品（黑色胶芯，NBR密封圈，标准螺母）
- 011 Standard标准品（黑色胶芯，FKM密封圈，标准螺母）

SC Solder cup 焊接接线
- P1 PCB mounting,180° PCB板安装180°
- P9 PCB mounting,90° PCB板安装,90°
- P0 PCB version PCB板安装,不带外壳

0 No mounting thread 无安装螺纹
- 6 M16
- 9 PG9

Receptacle板端安装式连接器
- RF Receptacle, front mounted,前端安装板端式
- RB Receptacle, rear mounted,后端安装板端式
- RS Receptacle, Square flange, 方座法兰板端安装

Housing material外壳材质
- B Brass, nickle placed 黄铜镀镍

Gender公母
- F Female 母头/孔座
- M Male 公头/针座

Pins针数
- 02 2-pin
- 03 3-pin
- 04 4-pin
- 05 5-pin
- 08 8-pin
- 12 12-pin

Code编码
- A A-Coding A码
- B B-Coding B码
- D D-Coding D码
- X X-Coding X码
- S S-Coding S码
- T T-Coding T码
- K K-Coding K码
- L L-Coding L码

Product Series产品系列
- M12 M12 series系列
- M08 M8 series系列

型号举例 Giving examples for models

前端安装M12公头，
M16安装螺纹，A-code 4芯，焊接接线，标配螺母

M12A04 MZRF6SC 001

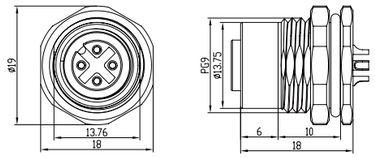
方形法兰安装，
M12母头，A-code 5芯，焊接

M12A05 FZRS0SC 000

M12 A码，母头后端安装，焊杯，PG9安装螺纹，标准螺母
M12 Receptacle, Solder cup, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



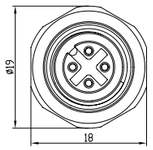
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB9SC011	1006010000008
4		4A	250V	22	0.34	FKM	M12A04FBRB9SC011	1006010000022
5		4A	60V	22	0.34	FKM	M12A05FBRB9SC011	1006010000036
8		2A	30V	24	0.25	FKM	M12A08FBRB9SC011	1006010000064
12		1.5A	30V	26	0.14	FKM	M12A12FBRB9SC011	1006010000092
3		4A	250V	22	0.34	NBR	M12A03FBRB9SC001	1006010000206
4		4A	250V	22	0.34	NBR	M12A04FBRB9SC001	1006010000226
5		4A	60V	22	0.34	NBR	M12A05FBRB9SC001	1006010000246
8		2A	30V	24	0.25	NBR	M12A08FBRB9SC001	1006010000266
12		1.5A	30V	26	0.14	NBR	M12A12FBRB9SC001	1006010000286

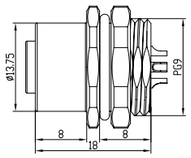
M12 A码，母头前端安装，焊杯，PG9安装螺纹，标准螺母

M12 Receptacle, Solder cup, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA





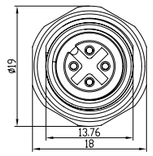
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF9SC011	1006010000011
4		4A	250V	22	0.34	FKM	M12A04FBRF9SC011	1006010000026
5		4A	60V	22	0.34	FKM	M12A05FBRF9SC011	1006010000040
8		2A	30V	24	0.25	FKM	M12A08FBRF9SC011	1006010000068
12		1.5A	30V	26	0.14	FKM	M12A12FBRF9SC011	1006010000096
3		4A	250V	22	0.34	NBR	M12A03FBRF9SC001	1006010000201
4		4A	250V	22	0.34	NBR	M12A04FBRF9SC001	1006010000221
5		4A	60V	22	0.34	NBR	M12A05FBRF9SC001	1006010000241
8		2A	30V	24	0.25	NBR	M12A08FBRF9SC001	1006010000261
12		1.5A	30V	26	0.14	NBR	M12A12FBRF9SC001	1006010000281

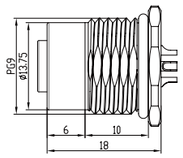
M12 A码，母头后端安装，焊杯，PG9安装螺纹，不带螺母

M12 Receptacle, Solder cup, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA





Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB9SC010	1006010000204
4		4A	250V	22	0.34	FKM	M12A04FBRB9SC010	1006010000224
5		4A	60V	22	0.34	FKM	M12A05FBRB9SC010	1006010000244
8		2A	30V	24	0.25	FKM	M12A08FBRB9SC010	1006010000264
12		1.5A	30V	26	0.14	FKM	M12A12FBRB9SC010	1006010000284
3		4A	250V	22	0.34	NBR	M12A03FBRB9SC000	1006010000207
4		4A	250V	22	0.34	NBR	M12A04FBRB9SC000	1006010000227
5		4A	60V	22	0.34	NBR	M12A05FBRB9SC000	1006010000247
8		2A	30V	24	0.25	NBR	M12A08FBRB9SC000	1006010000267
12		1.5A	30V	26	0.14	NBR	M12A12FBRB9SC000	1006010000287

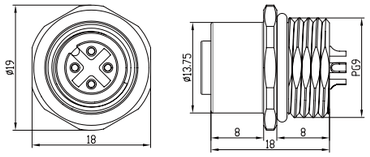
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，母头前端安装，焊杯，PG9安装螺纹，不带螺母

M12 Receptacle, Solder cup, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



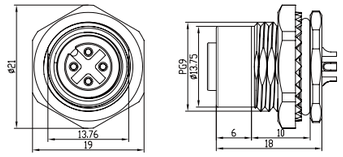
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF9SC010	1006010000199
4		4A	250V	22	0.34	FKM	M12A04FBRF9SC010	1006010000219
5		4A	60V	22	0.34	FKM	M12A05FBRF9SC010	1006010000239
8		2A	30V	24	0.25	FKM	M12A08FBRF9SC010	1006010000259
12		1.5A	30V	26	0.14	FKM	M12A12FBRF9SC010	1006010000279
3		4A	250V	22	0.34	NBR	M12A03FBRF9SC000	1006010000202
4		4A	250V	22	0.34	NBR	M12A04FBRF9SC000	1006010000222
5		4A	60V	22	0.34	NBR	M12A05FBRF9SC000	1006010000242
8		2A	30V	24	0.25	NBR	M12A08FBRF9SC000	1006010000262
12		1.5A	30V	26	0.14	NBR	M12A12FBRF9SC000	1006010000282

M12 A码，母头后端安装，焊杯，PG9安装螺纹，齿形螺母

M12 Receptacle, Solder cup, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



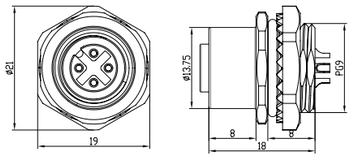
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB9SC012	1006010000205
4		4A	250V	22	0.34	FKM	M12A04FBRB9SC012	1006010000225
5		4A	60V	22	0.34	FKM	M12A05FBRB9SC012	1006010000245
8		2A	30V	24	0.25	FKM	M12A08FBRB9SC012	1006010000265
12		1.5A	30V	26	0.14	FKM	M12A12FBRB9SC012	1006010000285
3		4A	250V	22	0.34	NBR	M12A03FBRB9SC002	1006010000208
4		4A	250V	22	0.34	NBR	M12A04FBRB9SC002	1006010000228
5		4A	60V	22	0.34	NBR	M12A05FBRB9SC002	1006010000248
8		2A	30V	24	0.25	NBR	M12A08FBRB9SC002	1006010000268
12		1.5A	30V	26	0.14	NBR	M12A12FBRB9SC002	1006010000288

M12 A码，母头前端安装，焊杯，PG9安装螺纹，齿形螺母

M12 Receptacle, Solder cup, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



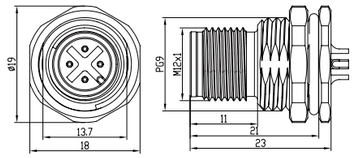
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF9SC012	1006010000200
4		4A	250V	22	0.34	FKM	M12A04FBRF9SC012	1006010000220
5		4A	60V	22	0.34	FKM	M12A05FBRF9SC012	1006010000240
8		2A	30V	24	0.25	FKM	M12A08FBRF9SC012	1006010000260
12		1.5A	30V	26	0.14	FKM	M12A12FBRF9SC012	1006010000280
3		4A	250V	22	0.34	NBR	M12A03FBRF9SC002	1006010000203
4		4A	250V	22	0.34	NBR	M12A04FBRF9SC002	1006010000223
5		4A	60V	22	0.34	NBR	M12A05FBRF9SC002	1006010000243
8		2A	30V	24	0.25	NBR	M12A08FBRF9SC002	1006010000263
12		1.5A	30V	26	0.14	NBR	M12A12FBRF9SC002	1006010000283

M12 A码，公头后端安装，焊杯，PG9安装螺纹，标准螺母

M12 Receptacle, Solder cup, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



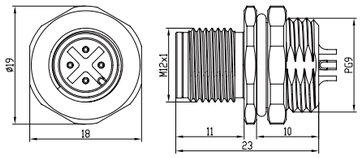
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB9SC011	1006010000015
4		4A	250V	22	0.34	FKM	M12A04MBRB9SC011	1006010000029
5		4A	60V	22	0.34	FKM	M12A05MBRB9SC011	1006010000043
8		2A	30V	24	0.25	FKM	M12A08MBRB9SC011	1006010000071
12		1.5A	30V	26	0.14	FKM	M12A12MBRB9SC011	1006010000099
3		4A	250V	22	0.34	NBR	M12A03MBRB9SC001	1006010000112
4		4A	250V	22	0.34	NBR	M12A04MBRB9SC001	1006010000127
5		4A	60V	22	0.34	NBR	M12A05MBRB9SC001	1006010000139
8		2A	30V	24	0.25	NBR	M12A08MBRB9SC001	1006010000151
12		1.5A	30V	26	0.14	NBR	M12A12MBRB9SC001	1006010000187

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头前端安装，焊杯，PG9安装螺纹，标准螺母
M12 Receptacle, Solder cup, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

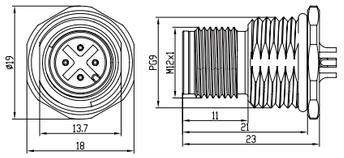


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF9SC011	1006010000019
4		4A	250V	22	0.34	FKM	M12A04MBRF9SC011	1006010000033
5		4A	60V	22	0.34	FKM	M12A05MBRF9SC011	1006010000047
8		2A	30V	24	0.25	FKM	M12A08MBRF9SC011	1006010000075
12		1.5A	30V	26	0.14	FKM	M12A12MBRF9SC011	1006010000103
3		4A	250V	22	0.34	NBR	M12A03MBRF9SC001	1006010000115
4		4A	250V	22	0.34	NBR	M12A04MBRF9SC001	1006010000124
5		4A	60V	22	0.34	NBR	M12A05MBRF9SC001	1006010000136
8		2A	30V	24	0.25	NBR	M12A08MBRF9SC001	1006010000148
12		1.5A	30V	26	0.14	NBR	M12A12MBRF9SC001	1006010000184

M12 A码，公头后端安装，焊杯，PG9安装螺纹，不带螺母
M12 Receptacle, Solder cup, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



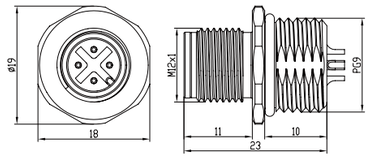
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB9SC010	1006010000111
4		4A	250V	22	0.34	FKM	M12A04MBRB9SC010	1006010000126
5		4A	60V	22	0.34	FKM	M12A05MBRB9SC010	1006010000138
8		2A	30V	24	0.25	FKM	M12A08MBRB9SC010	1006010000150
12		1.5A	30V	26	0.14	FKM	M12A12MBRB9SC010	1006010000186
3		4A	250V	22	0.34	NBR	M12A03MBRB9SC000	1006010000113
4		4A	250V	22	0.34	NBR	M12A04MBRB9SC000	1006010000128
5		4A	60V	22	0.34	NBR	M12A05MBRB9SC000	1006010000140
8		2A	30V	24	0.25	NBR	M12A08MBRB9SC000	1006010000152
12		1.5A	30V	26	0.14	NBR	M12A12MBRB9SC000	1006010000188

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头前端安装，焊杯，PG9安装螺纹，不带螺母
M12 Receptacle, Solder cup, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40～120℃	Ambient Temp. Range:	-40～120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

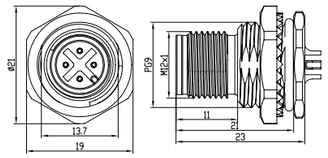


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF9SC010	1006010000114
4		4A	250V	22	0.34	FKM	M12A04MBRF9SC010	1006010000123
5		4A	60V	22	0.34	FKM	M12A05MBRF9SC010	1006010000135
8		2A	30V	24	0.25	FKM	M12A08MBRF9SC010	1006010000147
12		1.5A	30V	26	0.14	FKM	M12A12MBRF9SC010	1006010000183
3		4A	250V	22	0.34	NBR	M12A03MBRF9SC000	1006010000116
4		4A	250V	22	0.34	NBR	M12A04MBRF9SC000	1006010000125
5		4A	60V	22	0.34	NBR	M12A05MBRF9SC000	1006010000137
8		2A	30V	24	0.25	NBR	M12A08MBRF9SC000	1006010000149
12		1.5A	30V	26	0.14	NBR	M12A12MBRF9SC000	1006010000185

M12 A码，公头后端安装，焊杯，PG9安装螺纹，齿形螺母
M12 Receptacle, Solder cup, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40～120℃	Ambient Temp. Range:	-40～120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



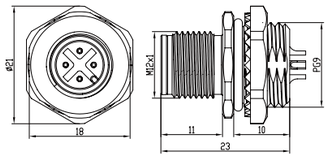
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB9SC012	1006010000321
4		4A	250V	22	0.34	FKM	M12A04MBRB9SC012	1006010000317
5		4A	60V	22	0.34	FKM	M12A05MBRB9SC012	1006010000293
8		2A	30V	24	0.25	FKM	M12A08MBRB9SC012	1006010000301
12		1.5A	30V	26	0.14	FKM	M12A12MBRB9SC012	1006010000309
3		4A	250V	22	0.34	NBR	M12A03MBRB9SC002	1006010000322
4		4A	250V	22	0.34	NBR	M12A04MBRB9SC002	1006010000318
5		4A	60V	22	0.34	NBR	M12A05MBRB9SC002	1006010000294
8		2A	30V	24	0.25	NBR	M12A08MBRB9SC002	1006010000302
12		1.5A	30V	26	0.14	NBR	M12A12MBRB9SC002	1006010000310

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头前端安装，焊杯，PG9安装螺纹，齿形螺母
M12 Receptacle, Solder cup, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

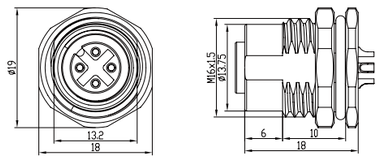


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF9SC012	1006010000323
4		4A	250V	22	0.34	FKM	M12A04MBRF9SC012	1006010000319
5		4A	60V	22	0.34	FKM	M12A05MBRF9SC012	1006010000295
8		2A	30V	24	0.25	FKM	M12A08MBRF9SC012	1006010000303
12		1.5A	30V	26	0.14	FKM	M12A12MBRF9SC012	1006010000311
3		4A	250V	22	0.34	NBR	M12A03MBRF9SC002	1006010000324
4		4A	250V	22	0.34	NBR	M12A04MBRF9SC002	1006010000320
5		4A	60V	22	0.34	NBR	M12A05MBRF9SC002	1006010000296
8		2A	30V	24	0.25	NBR	M12A08MBRF9SC002	1006010000304
12		1.5A	30V	26	0.14	NBR	M12A12MBRF9SC002	1006010000312

M12 A码，母头后端安装，焊杯，M16安装螺纹，标准螺母
M12 Receptacle, Solder cup, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



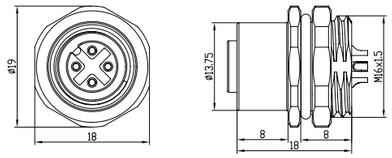
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB6SC011	1006010000007
4		4A	250V	22	0.34	FKM	M12A04FBRB6SC011	1006010000021
5		4A	60V	22	0.34	FKM	M12A05FBRB6SC011	1006010000035
8		2A	30V	24	0.25	FKM	M12A08FBRB6SC011	1006010000063
12		1.5A	30V	26	0.14	FKM	M12A12FBRB6SC011	1006010000091
3		4A	250V	22	0.34	NBR	M12A03FBRB6SC001	1006010000196
4		4A	250V	22	0.34	NBR	M12A04FBRB6SC001	1006010000216
5		4A	60V	22	0.34	NBR	M12A05FBRB6SC001	1006010000236
8		2A	30V	24	0.25	NBR	M12A08FBRB6SC001	1006010000256
12		1.5A	30V	26	0.14	NBR	M12A12FBRB6SC001	1006010000276

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，母头前端安装，焊杯，M16安装螺纹，标准螺母
M12 Receptacle, Solder cup, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

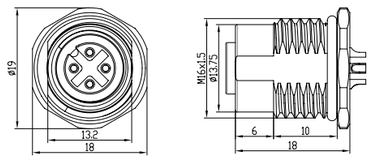


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF6SC011	1006010000010
4		4A	250V	22	0.34	FKM	M12A04FBRF6SC011	1006010000025
5		4A	60V	22	0.34	FKM	M12A05FBRF6SC011	1006010000039
8		2A	30V	24	0.25	FKM	M12A08FBRF6SC011	1006010000067
12		1.5A	30V	26	0.14	FKM	M12A12FBRF6SC011	1006010000095
3		4A	250V	22	0.34	NBR	M12A03FBRF6SC001	1006010000190
4		4A	250V	22	0.34	NBR	M12A04FBRF6SC001	1006010000211
5		4A	60V	22	0.34	NBR	M12A05FBRF6SC001	1006010000231
8		2A	30V	24	0.25	NBR	M12A08FBRF6SC001	1006010000251
12		1.5A	30V	26	0.14	NBR	M12A12FBRF6SC001	1006010000271

M12 A码，母头后端安装，焊杯，M16安装螺纹，不带螺母
M12 Receptacle, Solder cup, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

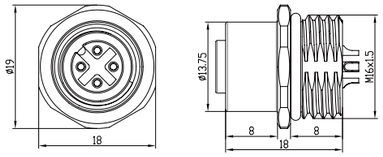


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB6SC010	1006010000194
4		4A	250V	22	0.34	FKM	M12A04FBRB6SC010	1006010000214
5		4A	60V	22	0.34	FKM	M12A05FBRB6SC010	1006010000234
8		2A	30V	24	0.25	FKM	M12A08FBRB6SC010	1006010000254
12		1.5A	30V	26	0.14	FKM	M12A12FBRB6SC010	1006010000274
3		4A	250V	22	0.34	NBR	M12A03FBRB6SC000	1006010000197
4		4A	250V	22	0.34	NBR	M12A04FBRB6SC000	1006010000217
5		4A	60V	22	0.34	NBR	M12A05FBRB6SC000	1006010000237
8		2A	30V	24	0.25	NBR	M12A08FBRB6SC000	1006010000257
12		1.5A	30V	26	0.14	NBR	M12A12FBRB6SC000	1006010000277

M12 A码，母头前端安装，焊杯，M16安装螺纹，不带螺母
M12 Receptacle, Solder cup, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

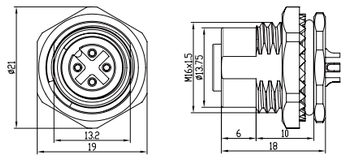


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF6SC010	1006010000189
4		4A	250V	22	0.34	FKM	M12A04FBRF6SC010	1006010000209
5		4A	60V	22	0.34	FKM	M12A05FBRF6SC010	1006010000229
8		2A	30V	24	0.25	FKM	M12A08FBRF6SC010	1006010000249
12		1.5A	30V	26	0.14	FKM	M12A12FBRF6SC010	1006010000269
3		4A	250V	22	0.34	NBR	M12A03FBRF6SC000	1006010000191
4		4A	250V	22	0.34	NBR	M12A04FBRF6SC000	1006010000212
5		4A	60V	22	0.34	NBR	M12A05FBRF6SC000	1006010000232
8		2A	30V	24	0.25	NBR	M12A08FBRF6SC000	1006010000252
12		1.5A	30V	26	0.14	NBR	M12A12FBRF6SC000	1006010000272

M12 A码，母头后端安装，焊杯，M16安装螺纹，齿形螺母
M12 Receptacle, Solder cup, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB6SC012	1006010000195
4		4A	250V	22	0.34	FKM	M12A04FBRB6SC012	1006010000215
5		4A	60V	22	0.34	FKM	M12A05FBRB6SC012	1006010000235
8		2A	30V	24	0.25	FKM	M12A08FBRB6SC012	1006010000255
12		1.5A	30V	26	0.14	FKM	M12A12FBRB6SC012	1006010000275
3		4A	250V	22	0.34	NBR	M12A03FBRB6SC002	1006010000198
4		4A	250V	22	0.34	NBR	M12A04FBRB6SC002	1006010000218
5		4A	60V	22	0.34	NBR	M12A05FBRB6SC002	1006010000238
8		2A	30V	24	0.25	NBR	M12A08FBRB6SC002	1006010000258
12		1.5A	30V	26	0.14	NBR	M12A12FBRB6SC002	1006010000278

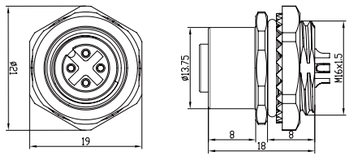
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，母头前端安装，焊杯，M16安装螺纹，齿形螺母

M12 Receptacle, Solder cup, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



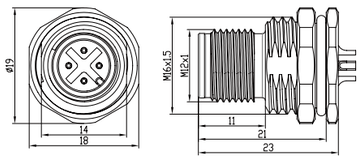
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF6SC012	1006010000192
4		4A	250V	22	0.34	FKM	M12A04FBRF6SC012	1006010000210
5		4A	60V	22	0.34	FKM	M12A05FBRF6SC012	1006010000230
8		2A	30V	24	0.25	FKM	M12A08FBRF6SC012	1006010000250
12		1.5A	30V	26	0.14	FKM	M12A12FBRF6SC012	1006010000270
3		4A	250V	22	0.34	NBR	M12A03FBRF6SC002	1006010000193
4		4A	250V	22	0.34	NBR	M12A04FBRF6SC002	1006010000213
5		4A	60V	22	0.34	NBR	M12A05FBRF6SC002	1006010000233
8		2A	30V	24	0.25	NBR	M12A08FBRF6SC002	1006010000253
12		1.5A	30V	26	0.14	NBR	M12A12FBRF6SC002	1006010000273

M12 A码，公头后端安装，焊杯，M16安装螺纹，标准螺母

M12 Receptacle, Solder cup, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB6SC011	1006010000014
4		4A	250V	22	0.34	FKM	M12A04MBRB6SC011	1006010000028
5		4A	60V	22	0.34	FKM	M12A05MBRB6SC011	1006010000042
8		2A	30V	24	0.25	FKM	M12A08MBRB6SC011	1006010000070
12		1.5A	30V	26	0.14	FKM	M12A12MBRB6SC011	1006010000098
3		4A	250V	22	0.34	NBR	M12A03MBRB6SC001	1006010000106
4		4A	250V	22	0.34	NBR	M12A04MBRB6SC001	1006010000121
5		4A	60V	22	0.34	NBR	M12A05MBRB6SC001	1006010000133
8		2A	30V	24	0.25	NBR	M12A08MBRB6SC001	1006010000145
12		1.5A	30V	26	0.14	NBR	M12A12MBRB6SC001	1006010000181

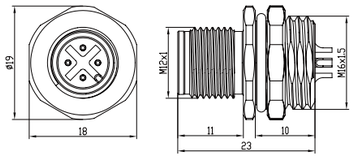
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头前端安装，焊杯，M16安装螺纹，标准螺母

M12 Receptacle, Solder cup, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



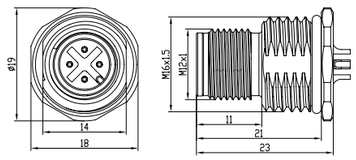
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF6SC011	1006010000018
4		4A	250V	22	0.34	FKM	M12A04MBRF6SC011	1006010000032
5		4A	60V	22	0.34	FKM	M12A05MBRF6SC011	1006010000046
8		2A	30V	24	0.25	FKM	M12A08MBRF6SC011	1006010000074
12		1.5A	30V	26	0.14	FKM	M12A12MBRF6SC011	1006010000102
3		4A	250V	22	0.34	NBR	M12A03MBRF6SC001	1006010000109
4		4A	250V	22	0.34	NBR	M12A04MBRF6SC001	1006010000118
5		4A	60V	22	0.34	NBR	M12A05MBRF6SC001	1006010000130
8		2A	30V	24	0.25	NBR	M12A08MBRF6SC001	1006010000142
12		1.5A	30V	26	0.14	NBR	M12A08MBRF6SC001	1006010000178

M12 A码，公头后端安装，焊杯，M16安装螺纹，不带螺母

M12 Receptacle, Solder cup, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



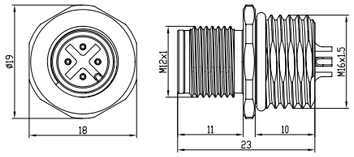
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB6SC010	1006010000105
4		4A	250V	22	0.34	FKM	M12A04MBRB6SC010	1006010000120
5		4A	60V	22	0.34	FKM	M12A05MBRB6SC010	1006010000132
8		2A	30V	24	0.25	FKM	M12A08MBRB6SC010	1006010000144
12		1.5A	30V	26	0.14	FKM	M12A12MBRB6SC010	1006010000180
3		4A	250V	22	0.34	NBR	M12A03MBRB6SC000	1006010000107
4		4A	250V	22	0.34	NBR	M12A04MBRB6SC000	1006010000122
5		4A	60V	22	0.34	NBR	M12A05MBRB6SC000	1006010000134
8		2A	30V	24	0.25	NBR	M12A08MBRB6SC000	1006010000146
12		1.5A	30V	26	0.14	NBR	M12A12MBRB6SC000	1006010000182

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头前端安装，焊杯，M16安装螺纹，不带螺母
M12 Receptacle, Solder cup, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

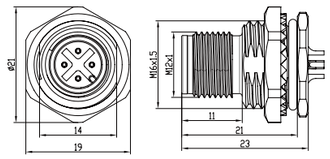


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF6SC010	1006010000108
4		4A	250V	22	0.34	FKM	M12A04MBRF6SC010	1006010000117
5		4A	60V	22	0.34	FKM	M12A05MBRF6SC010	1006010000129
8		2A	30V	24	0.25	FKM	M12A08MBRF6SC010	1006010000141
12		1.5A	30V	26	0.14	FKM	M12A12MBRF6SC010	1006010000177
3		4A	250V	22	0.34	NBR	M12A03MBRF6SC000	1006010000110
4		4A	250V	22	0.34	NBR	M12A04MBRF6SC000	1006010000119
5		4A	60V	22	0.34	NBR	M12A05MBRF6SC000	1006010000131
8		2A	30V	24	0.25	NBR	M12A08MBRF6SC000	1006010000143
12		1.5A	30V	26	0.14	NBR	M12A12MBRF6SC000	1006010000179

M12 A码，公头后端安装，焊杯，M16安装螺纹，齿形螺母
M12 Receptacle, Solder cup, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



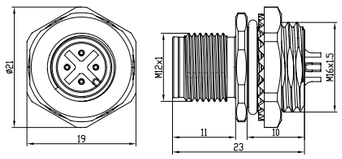
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB6SC012	1006010000327
4		4A	250V	22	0.34	FKM	M12A04MBRB6SC012	1006010000313
5		4A	60V	22	0.34	FKM	M12A05MBRB6SC012	1006010000289
8		2A	30V	24	0.25	FKM	M12A08MBRB6SC012	1006010000297
12		1.5A	30V	26	0.14	FKM	M12A12MBRB6SC012	1006010000305
3		4A	250V	22	0.34	NBR	M12A03MBRB6SC002	1006010000328
4		4A	250V	22	0.34	NBR	M12A04MBRB6SC002	1006010000314
5		4A	60V	22	0.34	NBR	M12A05MBRB6SC002	1006010000290
8		2A	30V	24	0.25	NBR	M12A08MBRB6SC002	1006010000298
12		1.5A	30V	26	0.14	NBR	M12A12MBRB6SC002	1006010000306

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头前端安装，焊杯，M16安装螺纹，齿形螺母
M12 Receptacle, Solder cup, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

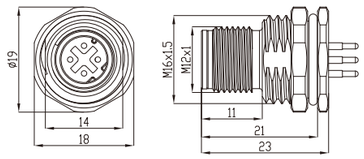


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF6SC012	1006010000325
4		4A	250V	22	0.34	FKM	M12A04MBRF6SC012	1006010000315
5		4A	60V	22	0.34	FKM	M12A05MBRF6SC012	1006010000291
8		2A	30V	24	0.25	FKM	M12A08MBRF6SC012	1006010000299
12		1.5A	30V	26	0.14	FKM	M12A12MBRF6SC012	1006010000307
3		4A	250V	22	0.34	NBR	M12A03MBRF6SC002	1006010000326
4		4A	250V	22	0.34	NBR	M12A04MBRF6SC002	1006010000316
5		4A	60V	22	0.34	NBR	M12A05MBRF6SC002	1006010000292
8		2A	30V	24	0.25	NBR	M12A08MBRF6SC002	1006010000300
12		1.5A	30V	26	0.14	NBR	M12A12MBRF6SC002	1006010000308

M12 D码，公头，PCB，M16安装螺纹，标准螺母
M12 Receptacle, PCB, Rear mounted, D-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~120℃	Ambient Temp. Range:	-40~120℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

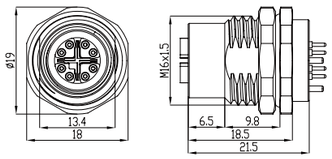


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
4		4A	250V	/	/	FKM	M12D04MBRB6P1011	1006010000457
4		4A	250V	/	/	NBR	M12D04MBRB6P1001	1006010000460

M12 X码，母头，PCB，M16安装螺纹，标准螺母
M12 Receptacle, PCB, Rear mounted, X-code

→ Female

执行标准:	IEC 61076-2-109	Standard:	IEC 61076-2-109
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40～120℃	Ambient Temp. Range:	-40～120 C
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Contacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
8		0.5A	50V	/	/	FKM	M12X08FBRB6P1011	1006010000467
8		0.5A	50V	/	/	NBR	M12X08FBRB6P1001	1006010000464

M12 M系列连接器板端安装自带电子线
The M Series Receptacles, Stranded Wires

板后安装，母头
Rear mounted，Female

板前安装，母头
Front mounted，Female

板后安装，公头
Rear mounted，Male

板前安装，公头
Front mounted，Male

产品特点 Product Features

- M系列连接器板端安装自带电子线产品,节省了客户的产品开发周期同时也具有更小的安装空间,电子线长度可根据用户实际需求选择。
  The M series receptacles integrated with wires, saving the customer's product development cycle and installation space.
  The length of the wires can be selected according to actual needs..
- 依据IEC 61076-2标准设计，兼容国内外各大品牌同类产品。
  Compatible with similar products of main international brands, according to IEC 61076-2.
- PVC材质线材的产品能够满足多数应用场景。
  PVC material wire products can be used in most application scenarios.
- 优质黄铜壳体具有更好的抗电磁干扰能力。
  High-quality brass housing has better immunity to electromagnetic interference.
- 为客户提供集成化、定制化的方案和服务。
  Providing integrated and customized solutions and services.

A-Code | B-Code | D-Code | X-Code | K-Code | L-Code | S-Code | T-Code

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

产品型号说明
Product model description

Receptacle stranded wires 板端安装式（带线）连接器型谱

M12 A 05 F B RB 9 WV 050 001

001 Version No.版本序列
- 001 Standard标准品（黑色胶芯，NBR密封圈，标准螺母）
- 011 Standard标准品（黑色胶芯，FKM密封圈，标准螺母）

050 Wire length预制电线长度
- 001 0.1 m
- 002 0.2 m
- 005 0.5 m
- 010 1.0 m
- 015 1.5 m
- ...

Other wire/cable length can be ordered on request
其他电线、电缆长度可根据需求定制

WV Stranded wires, PVC 电线式,PVC
- WE Stranded wires, TPE 电线式,TPE
- CV With Cable,PVC 电缆式,PVC
- CU With Cable,PUR 电缆式,PUR

9
- 0 No mounting thread无安装螺纹
- 6 M16
- 9 PG9

RB Receptacle板端安装式连接器
- RF Receptacle, front mounted,前端安装板端式
- RB Receptacle, rear mounted,后端安装板端式
- RS Receptacle, Square flange, 方座法兰板端安装

B Housing material外壳材质
- B Brass, nickle placed 黄铜镀镍

F Gender公母
- F Female母头/孔座
- M Male公头/针座

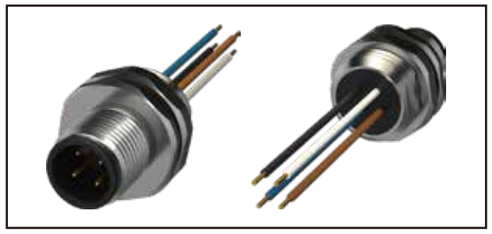
05 Pins针数
- 02 2-pin, 2-wire
- 03 3-pin, 3-wire
- 04 4-pin, 4-wire
- 05 5-pin, 5-wire Pin5=GY
- 08 8-pin, 8-wire
- 12 12-pin, 12-wire

A Code编码
- A A-Coding 连接直流电，标准24VDC和标准传感器信号接口
- B B- Coding 连接直流电信号，Profibus、Interbus等现场总线
- D D-Coding 多用于Profinet、Ethernet、CC-Link IE等以太网通讯
- X X-Coding 用于高速千兆以太网
- S S-Coding 用于交流电源
- T T-Coding 用于直流电源
- K K-Coding 用于交流电源
- L L-Coding 用于直流电源

M12 Product Series产品系列
- M12 M12 series系列
- M08 M8 series系列

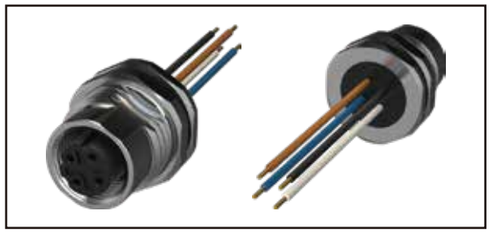
型号举例 Giving examples for models

前端安装M12公头，
PG9安装螺纹，A-code 4芯，带0.2米预制电线，标配螺母



M12A04 MZ RF9 WV002 001

后端安装M12母头，
M16安装螺纹，D-code 4芯，带1米PUR压铸电缆



M12D04 FZ RB6 CU005 001

电线颜色
Wire Color

M12 A编码 M12 A-Code

01	02	03	04	05	06	07	08	09	10	11	12
棕 BN		蓝 BU	黑 BK								
棕 BN	白 WH	蓝 BU	黑 BK								
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY							
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR				
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR	灰/粉 GY/PK	白/蓝 WH/BU	白/灰 WH/GY	灰/棕 GY/BN

M12 S编码 M12 S-Code

01	02	03	PE
黑 BK		黑 BK	绿/黄 GN/YE
黑 BK	黑 BK	黑 BK	绿/黄 GN/YE

M12 T编码 M12 T-Code

01	02	03	04
棕 BN	白 WH	蓝 BU	黑 BK

M12 K编码 M12 K-Code

01	02	03	04	PE
黑 BK	黑 BK	黑 BK	黑 BK	绿/黄 GN/YE

M12 L编码 M12 L-Code

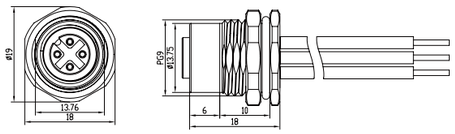
01	02	03	04	FE
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY

M12 A码，母头后端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



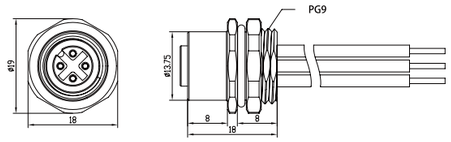
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB9WV005011	1006020000181
4		4A	250V	22	0.34	FKM	M12A04FBRB9WV005011	1006020000205
5		4A	60V	22	0.34	FKM	M12A05FBRB9WV005011	1006020000229
8		2A	30V	24	0.25	FKM	M12A08FBRB9WV005011	1006020000277
12		1.5A	30V	26	0.14	FKM	M12A12FBRB9WV005011	1006020000325
3		4A	250V	22	0.34	NBR	M12A03FBRB9WV005001	1006020000184
4		4A	250V	22	0.34	NBR	M12A04FBRB9WV005001	1006020000208
5		4A	60V	22	0.34	NBR	M12A05FBRB9WV005001	1006020000232
8		2A	30V	24	0.25	NBR	M12A08FBRB9WV005001	1006020000280
12		1.5A	30V	26	0.14	NBR	M12A12FBRB9WV005001	1006020000328

M12 A码，母头前端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



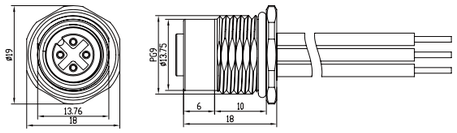
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF9WV005011	1006020000187
4		4A	250V	22	0.34	FKM	M12A04FBRF9WV005011	1006020000211
5		4A	60V	22	0.34	FKM	M12A05FBRF9WV005011	1006020000235
8		2A	30V	24	0.25	FKM	M12A08FBRF9WV005011	1006020000283
12		1.5A	30V	26	0.14	FKM	M12A12FBRF9WV005011	1006020000331
3		4A	250V	22	0.34	NBR	M12A03FBRF9WV005001	1006020000187
4		4A	250V	22	0.34	NBR	M12A04FBRF9WV005001	1006020000211
5		4A	60V	22	0.34	NBR	M12A05FBRF9WV005001	1006020000235
8		2A	30V	24	0.25	NBR	M12A08FBRF9WV005001	1006020000283
12		1.5A	30V	26	0.14	NBR	M12A12FBRF9WV005001	1006020000331

M12 A码，母头后端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



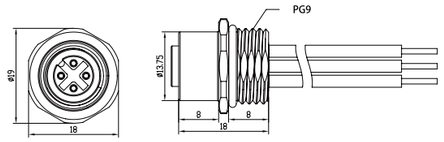
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB9WV005010	1006020000182
4		4A	250V	22	0.34	FKM	M12A04FBRB9WV005010	1006020000206
5		4A	60V	22	0.34	FKM	M12A05FBRB9WV005010	1006020000230
8		2A	30V	24	0.25	FKM	M12A08FBRB9WV005010	1006020000278
12		1.5A	30V	26	0.14	FKM	M12A12FBRB9WV005010	1006020000326
3		4A	250V	22	0.34	NBR	M12A03FBRB9WV005000	1006020000185
4		4A	250V	22	0.34	NBR	M12A04FBRB9WV005000	1006020000209
5		4A	60V	22	0.34	NBR	M12A05FBRB9WV005000	1006020000233
8		2A	30V	24	0.25	NBR	M12A08FBRB9WV005000	1006020000281
12		1.5A	30V	26	0.14	NBR	M12A12FBRB9WV005000	1006020000329

M12 A码，母头前端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



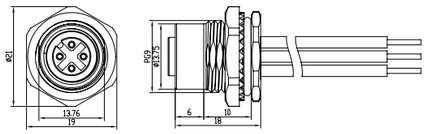
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF9WV005010	1006020000188
4		4A	250V	22	0.34	FKM	M12A04FBRF9WV005010	1006020000212
5		4A	60V	22	0.34	FKM	M12A05FBRF9WV005010	1006020000236
8		2A	30V	24	0.25	FKM	M12A08FBRF9WV005010	1006020000284
12		1.5A	30V	26	0.14	FKM	M12A12FBRF9WV005010	1006020000332
3		4A	250V	22	0.34	NBR	M12A03FBRF9WV005000	1006020000191
4		4A	250V	22	0.34	NBR	M12A04FBRF9WV005000	1006020000215
5		4A	60V	22	0.34	NBR	M12A05FBRF9WV005000	1006020000239
8		2A	30V	24	0.25	NBR	M12A08FBRF9WV005000	1006020000287
12		1.5A	30V	26	0.14	NBR	M12A12FBRF9WV005000	1006020000335

M12 A码，母头后端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



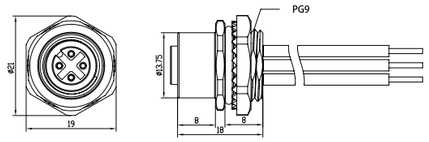
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB9WV005012	1006020000183
4		4A	250V	22	0.34	FKM	M12A04FBRB9WV005012	1006020000207
5		4A	60V	22	0.34	FKM	M12A05FBRB9WV005012	1006020000231
8		2A	30V	24	0.25	FKM	M12A08FBRB9WV005012	1006020000279
12		1.5A	30V	26	0.14	FKM	M12A12FBRB9WV005012	1006020000327
3		4A	250V	22	0.34	NBR	M12A03FBRB9WV005002	1006020000186
4		4A	250V	22	0.34	NBR	M12A04FBRB9WV005002	1006020000210
5		4A	60V	22	0.34	NBR	M12A05FBRB9WV005002	1006020000234
8		2A	30V	24	0.25	NBR	M12A08FBRB9WV005002	1006020000282
12		1.5A	30V	26	0.14	NBR	M12A12FBRB9WV005002	1006020000330

M12 A码，母头前端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



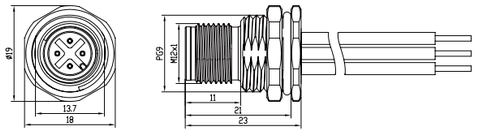
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF9WV005012	1006020000189
4		4A	250V	22	0.34	FKM	M12A04FBRF9WV005012	1006020000213
5		4A	60V	22	0.34	FKM	M12A05FBRF9WV005012	1006020000237
8		2A	30V	24	0.25	FKM	M12A08FBRF9WV005012	1006020000285
12		1.5A	30V	26	0.14	FKM	M12A12FBRF9WV005012	1006020000333
3		4A	250V	22	0.34	NBR	M12A03FBRF9WV005002	1006020000192
4		4A	250V	22	0.34	NBR	M12A04FBRF9WV005002	1006020000216
5		4A	60V	22	0.34	NBR	M12A05FBRF9WV005002	1006020000240
8		2A	30V	24	0.25	NBR	M12A08FBRF9WV005002	1006020000288
12		1.5A	30V	26	0.14	NBR	M12A12FBRF9WV005002	1006020000336

M12 A码，公头后端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



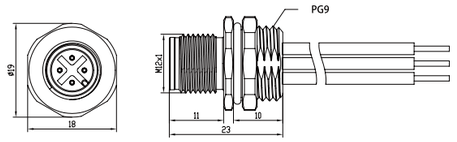
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB9WV005011	1006020000085
4		4A	250V	22	0.34	FKM	M12A04MBRB9WV005011	1006020000109
5		4A	60V	22	0.34	FKM	M12A05MBRB9WV005011	1006020000013
8		2A	30V	24	0.25	FKM	M12A08MBRB9WV005011	1006020000037
12		1.5A	30V	26	0.14	FKM	M12A12MBRB9WV005011	1006020000061
3		4A	250V	22	0.34	NBR	M12A03MBRB9WV005001	1006020000088
4		4A	250V	22	0.34	NBR	M12A04MBRB9WV005001	1006020000112
5		4A	60V	22	0.34	NBR	M12A05MBRB9WV005001	1006020000016
8		2A	30V	24	0.25	NBR	M12A08MBRB9WV005001	1006020000040
12		1.5A	30V	26	0.14	NBR	M12A12MBRB9WV005001	1006020000064

M12 A码，公头前端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



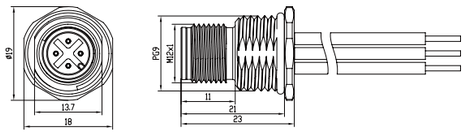
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF9WV005011	1006020000091
4		4A	250V	22	0.34	FKM	M12A04MBRF9WV005011	1006020000115
5		4A	60V	22	0.34	FKM	M12A05MBRF9WV005011	1006020000019
8		2A	30V	24	0.25	FKM	M12A08MBRF9WV005011	1006020000043
12		1.5A	30V	26	0.14	FKM	M12A12MBRF9WV005011	1006020000067
3		4A	250V	22	0.34	NBR	M12A03MBRF9WV005001	1006020000094
4		4A	250V	22	0.34	NBR	M12A04MBRF9WV005001	1006020000118
5		4A	60V	22	0.34	NBR	M12A05MBRF9WV005001	1006020000022
8		2A	30V	24	0.25	NBR	M12A08MBRF9WV005001	1006020000046
12		1.5A	30V	26	0.14	NBR	M12A12MBRF9WV005001	1006020000070

M12 A码，公头后端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



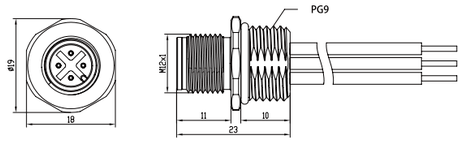
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB9WV005010	1006020000086
4		4A	250V	22	0.34	FKM	M12A04MBRB9WV005010	1006020000110
5		4A	60V	22	0.34	FKM	M12A05MBRB9WV005010	1006020000014
8		2A	30V	24	0.25	FKM	M12A08MBRB9WV005010	1006020000038
12		1.5A	30V	26	0.14	FKM	M12A12MBRB9WV005010	1006020000062
3		4A	250V	22	0.34	NBR	M12A03MBRB9WV005000	1006020000089
4		4A	250V	22	0.34	NBR	M12A04MBRB9WV005000	1006020000113
5		4A	60V	22	0.34	NBR	M12A05MBRB9WV005000	1006020000017
8		2A	30V	24	0.25	NBR	M12A08MBRB9WV005000	1006020000041
12		1.5A	30V	26	0.14	NBR	M12A12MBRB9WV005000	1006020000065

M12 A码，公头前端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



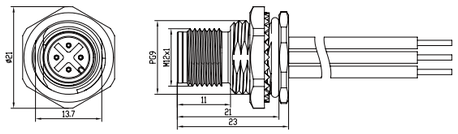
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF9WV005010	1006020000092
4		4A	250V	22	0.34	FKM	M12A04MBRF9WV005010	1006020000116
5		4A	60V	22	0.34	FKM	M12A05MBRF9WV005010	1006020000020
8		2A	30V	24	0.25	FKM	M12A08MBRF9WV005010	1006020000044
12		1.5A	30V	26	0.14	FKM	M12A12MBRF9WV005010	1006020000068
3		4A	250V	22	0.34	NBR	M12A03MBRF9WV005000	1006020000095
4		4A	250V	22	0.34	NBR	M12A04MBRF9WV005000	1006020000119
5		4A	60V	22	0.34	NBR	M12A05MBRF9WV005000	1006020000023
8		2A	30V	24	0.25	NBR	M12A08MBRF9WV005000	1006020000047
12		1.5A	30V	26	0.14	NBR	M12A12MBRF9WV005000	1006020000071

M12 A码，公头后端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



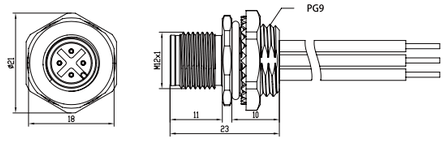
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB9WV005012	1006020000087
4		4A	250V	22	0.34	FKM	M12A04MBRB9WV005012	1006020000111
5		4A	60V	22	0.34	FKM	M12A05MBRB9WV005012	1006020000015
8		2A	30V	24	0.25	FKM	M12A08MBRB9WV005012	1006020000039
12		1.5A	30V	26	0.14	FKM	M12A12MBRB9WV005012	1006020000063
3		4A	250V	22	0.34	NBR	M12A03MBRB9WV005002	1006020000090
4		4A	250V	22	0.34	NBR	M12A04MBRB9WV005002	1006020000114
5		4A	60V	22	0.34	NBR	M12A05MBRB9WV005002	1006020000018
8		2A	30V	24	0.25	NBR	M12A08MBRB9WV005002	1006020000042
12		1.5A	30V	26	0.14	NBR	M12A12MBRB9WV005002	1006020000066

M12 A码，公头前端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF9WV005012	1006020000093
4		4A	250V	22	0.34	FKM	M12A04MBRF9WV005012	1006020000117
5		4A	60V	22	0.34	FKM	M12A05MBRF9WV005012	1006020000021
8		2A	30V	24	0.25	FKM	M12A08MBRF9WV005012	1006020000045
12		1.5A	30V	26	0.14	FKM	M12A12MBRF9WV005012	1006020000069
3		4A	250V	22	0.34	NBR	M12A03MBRF9WV005002	1006020000096
4		4A	250V	22	0.34	NBR	M12A04MBRF9WV005002	1006020000120
5		4A	60V	22	0.34	NBR	M12A05MBRF9WV005002	1006020000024
8		2A	30V	24	0.25	NBR	M12A08MBRF9WV005002	1006020000048
12		1.5A	30V	26	0.14	NBR	M12A12MBRF9WV005002	1006020000072

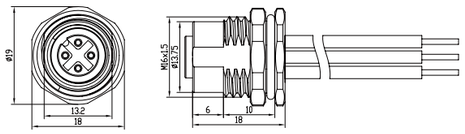
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，母头后端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



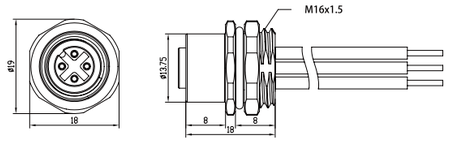
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB6WV005011	1006020000169
4		4A	250V	22	0.34	FKM	M12A04FBRB6WV005011	1006020000193
5		4A	60V	22	0.34	FKM	M12A05FBRB6WV005011	1006020000217
8		2A	30V	24	0.25	FKM	M12A08FBRB6WV005011	1006020000265
12		1.5A	30V	26	0.14	FKM	M12A12FBRB6WV005011	1006020000313
3		4A	250V	22	0.34	NBR	M12A03FBRB6WV005001	1006020000172
4		4A	250V	22	0.34	NBR	M12A04FBRB6WV005001	1006020000196
5		4A	60V	22	0.34	NBR	M12A05FBRB6WV005001	1006020000220
8		2A	30V	24	0.25	NBR	M12A08FBRB6WV005001	1006020000268
12		1.5A	30V	26	0.14	NBR	M12A12FBRB6WV005001	1006020000313

M12 A码，母头前端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF6WV005011	1006020000175
4		4A	250V	22	0.34	FKM	M12A04FBRF6WV005011	1006020000199
5		4A	60V	22	0.34	FKM	M12A05FBRF6WV005011	1006020000223
8		2A	30V	24	0.25	FKM	M12A08FBRF6WV005011	1006020000271
12		1.5A	30V	26	0.14	FKM	M12A12FBRF6WV005011	1006020000319
3		4A	250V	22	0.34	NBR	M12A03FBRF6WV005001	1006020000178
4		4A	250V	22	0.34	NBR	M12A04FBRF6WV005001	1006020000202
5		4A	60V	22	0.34	NBR	M12A05FBRF6WV005001	1006020000226
8		2A	30V	24	0.25	NBR	M12A08FBRF6WV005001	1006020000274
12		1.5A	30V	26	0.14	NBR	M12A12FBRF6WV005001	1006020000322

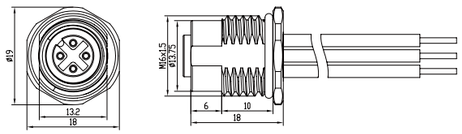
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，母头后端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



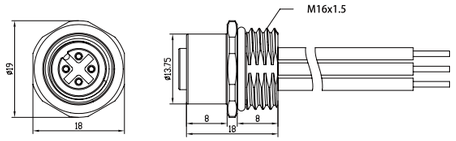
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB6WV005010	1006020000170
4		4A	250V	22	0.34	FKM	M12A04FBRB6WV005010	1006020000194
5		4A	60V	22	0.34	FKM	M12A05FBRB6WV005010	1006020000218
8		2A	30V	24	0.25	FKM	M12A08FBRB6WV005010	1006020000266
12		1.5A	30V	26	0.14	FKM	M12A12FBRB6WV005010	1006020000314
3		4A	250V	22	0.34	NBR	M12A03FBRB6WV005000	1006020000173
4		4A	250V	22	0.34	NBR	M12A04FBRB6WV005000	1006020000197
5		4A	60V	22	0.34	NBR	M12A05FBRB6WV005000	1006020000221
8		2A	30V	24	0.25	NBR	M12A08FBRB6WV005000	1006020000269
12		1.5A	30V	26	0.14	NBR	M12A12FBRB6WV005000	1006020000317

M12 A码，母头前端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF6WV005010	1006020000176
4		4A	250V	22	0.34	FKM	M12A04FBRF6WV005010	1006020000200
5		4A	60V	22	0.34	FKM	M12A05FBRF6WV005010	1006020000224
8		2A	30V	24	0.25	FKM	M12A08FBRF6WV005010	1006020000272
12		1.5A	30V	26	0.14	FKM	M12A12FBRF6WV005010	1006020000320
3		4A	250V	22	0.34	NBR	M12A03FBRF6WV005000	1006020000179
4		4A	250V	22	0.34	NBR	M12A04FBRF6WV005000	1006020000203
5		4A	60V	22	0.34	NBR	M12A05FBRF6WV005000	1006020000227
8		2A	30V	24	0.25	NBR	M12A08FBRF6WV005000	1006020000275
12		1.5A	30V	26	0.14	NBR	M12A12FBRF6WV005000	1006020000323

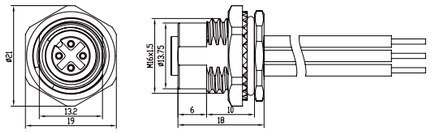
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，母头后端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



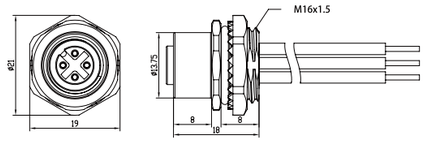
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRB6WV005012	1006020000171
4		4A	250V	22	0.34	FKM	M12A04FBRB6WV005012	1006020000195
5		4A	60V	22	0.34	FKM	M12A05FBRB6WV005012	1006020000219
8		2A	30V	24	0.25	FKM	M12A08FBRB6WV005012	1006020000267
12		1.5A	30V	26	0.14	FKM	M12A12FBRB6WV005012	1006020000315
3		4A	250V	22	0.34	NBR	M12A03FBRB6WV005002	1006020000174
4		4A	250V	22	0.34	NBR	M12A04FBRB6WV005002	1006020000198
5		4A	60V	22	0.34	NBR	M12A05FBRB6WV005002	1006020000222
8		2A	30V	24	0.25	NBR	M12A08FBRB6WV005002	1006020000270
12		1.5A	30V	26	0.14	NBR	M12A12FBRB6WV005002	1006020000318

M12 A码，母头前端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03FBRF6WV005012	1006020000177
4		4A	250V	22	0.34	FKM	M12A04FBRF6WV005012	1006020000201
5		4A	60V	22	0.34	FKM	M12A05FBRF6WV005012	1006020000225
8		2A	30V	24	0.25	FKM	M12A08FBRF6WV005012	1006020000273
12		1.5A	30V	26	0.14	FKM	M12A12FBRF6WV005012	1006020000321
3		4A	250V	22	0.34	NBR	M12A03FBRF6WV005002	1006020000180
4		4A	250V	22	0.34	NBR	M12A04FBRF6WV005002	1006020000204
5		4A	60V	22	0.34	NBR	M12A05FBRF6WV005002	1006020000228
8		2A	30V	24	0.25	NBR	M12A08FBRF6WV005002	1006020000276
12		1.5A	30V	26	0.14	NBR	M12A12FBRF6WV005002	1006020000324

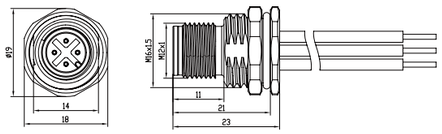
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头后端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



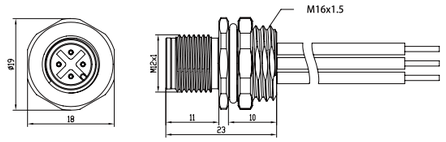
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB6WV005011	1006020000073
4		4A	250V	22	0.34	FKM	M12A04MBRB6WV005011	1006020000097
5		4A	60V	22	0.34	FKM	M12A05MBRB6WV005011	1006020000001
8		2A	30V	24	0.25	FKM	M12A08MBRB6WV005011	1006020000025
12		1.5A	30V	26	0.14	FKM	M12A12MBRB6WV005011	1006020000049
3		4A	250V	22	0.34	NBR	M12A03MBRB6WV005001	1006020000076
4		4A	250V	22	0.34	NBR	M12A04MBRB6WV005001	1006020000100
5		4A	60V	22	0.34	NBR	M12A05MBRB6WV005001	1006020000004
8		2A	30V	24	0.25	NBR	M12A08MBRB6WV005001	1006020000028
12		1.5A	30V	26	0.14	NBR	M12A12MBRB6WV005001	1006020000052

M12 A码，公头前端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF6WV005011	1006020000079
4		4A	250V	22	0.34	FKM	M12A04MBRF6WV005011	1006020000103
5		4A	60V	22	0.34	FKM	M12A05MBRF6WV005011	1006020000007
8		2A	30V	24	0.25	FKM	M12A08MBRF6WV005011	1006020000031
12		1.5A	30V	26	0.14	FKM	M12A12MBRF6WV005011	1006020000055
3		4A	250V	22	0.34	NBR	M12A03MBRF6WV005001	1006020000082
4		4A	250V	22	0.34	NBR	M12A04MBRF6WV005001	1006020000106
5		4A	60V	22	0.34	NBR	M12A05MBRF6WV005001	1006020000010
8		2A	30V	24	0.25	NBR	M12A08MBRF6WV005001	1006020000034
12		1.5A	30V	26	0.14	NBR	M12A12MBRF6WV005001	1006020000058

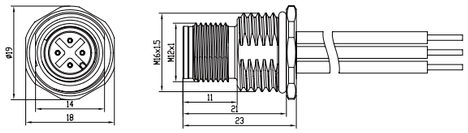
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头后端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



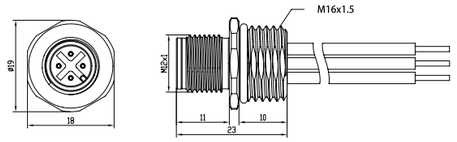
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB6WV005010	1006020000074
4		4A	250V	22	0.34	FKM	M12A04MBRB6WV005010	1006020000098
5		4A	60V	22	0.34	FKM	M12A05MBRB6WV005010	1006020000002
8		2A	30V	24	0.25	FKM	M12A08MBRB6WV005010	1006020000026
12		1.5A	30V	26	0.14	FKM	M12A12MBRB6WV005010	1006020000050
3		4A	250V	22	0.34	NBR	M12A03MBRB6WV005000	1006020000077
4		4A	250V	22	0.34	NBR	M12A04MBRB6WV005000	1006020000101
5		4A	60V	22	0.34	NBR	M12A05MBRB6WV005000	1006020000005
8		2A	30V	24	0.25	NBR	M12A08MBRB6WV005000	1006020000029
12		1.5A	30V	26	0.14	NBR	M12A12MBRB6WV005000	1006020000053

M12 A码，公头前端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF6WV005010	1006020000080
4		4A	250V	22	0.34	FKM	M12A04MBRF6WV005010	1006020000104
5		4A	60V	22	0.34	FKM	M12A05MBRF6WV005010	1006020000008
8		2A	30V	24	0.25	FKM	M12A08MBRF6WV005010	1006020000032
12		1.5A	30V	26	0.14	FKM	M12A12MBRF6WV005010	1006020000056
3		4A	250V	22	0.34	NBR	M12A03MBRF6WV005000	1006020000083
4		4A	250V	22	0.34	NBR	M12A04MBRF6WV005000	1006020000107
5		4A	60V	22	0.34	NBR	M12A05MBRF6WV005000	1006020000011
8		2A	30V	24	0.25	NBR	M12A08MBRF6WV005000	1006020000035
12		1.5A	30V	26	0.14	NBR	M12A12MBRF6WV005000	1006020000059

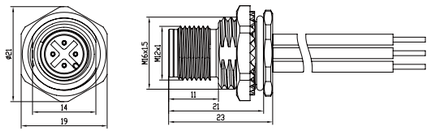
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 A码，公头后端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



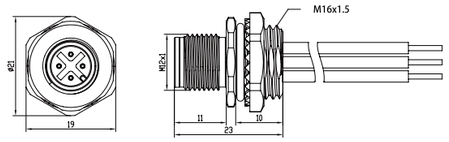
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRB6WV005012	1006020000075
4		4A	250V	22	0.34	FKM	M12A04MBRB6WV005012	1006020000099
5		4A	60V	22	0.34	FKM	M12A05MBRB6WV005012	1006020000003
8		2A	30V	24	0.25	FKM	M12A08MBRB6WV005012	1006020000027
12		1.5A	30V	26	0.14	FKM	M12A12MBRB6WV005012	1006020000051
3		4A	250V	22	0.34	NBR	M12A03MBRB6WV005002	1006020000078
4		4A	250V	22	0.34	NBR	M12A04MBRB6WV005002	1006020000102
5		4A	60V	22	0.34	NBR	M12A05MBRB6WV005002	1006020000006
8		2A	30V	24	0.25	NBR	M12A08MBRB6WV005002	1006020000030
12		1.5A	30V	26	0.14	NBR	M12A12MBRB6WV005002	1006020000054

M12 A码，公头前端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-20~80℃	Ambient Temp. Range:	-20~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass，Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass，Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
3		4A	250V	22	0.34	FKM	M12A03MBRF6WV005012	1006020000081
4		4A	250V	22	0.34	FKM	M12A04MBRF6WV005012	1006020000105
5		4A	60V	22	0.34	FKM	M12A05MBRF6WV005012	1006020000009
8		2A	30V	24	0.25	FKM	M12A08MBRF6WV005012	1006020000033
12		1.5A	30V	26	0.14	FKM	M12A12MBRF6WV005012	1006020000057
3		4A	250V	22	0.34	NBR	M12A03MBRF6WV005002	1006020000084
4		4A	250V	22	0.34	NBR	M12A04MBRF6WV005002	1006020000108
5		4A	60V	22	0.34	NBR	M12A05MBRF6WV005002	1006020000012
8		2A	30V	24	0.25	NBR	M12A08MBRF6WV005002	1006020000036
12		1.5A	30V	26	0.14	NBR	M12A12MBRF6WV005002	1006020000060

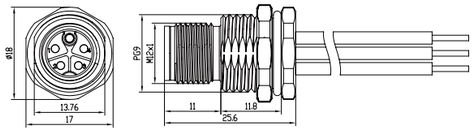
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 K码，公头后端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



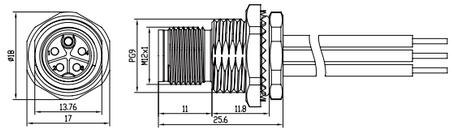
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRB9WV005011	1006020000618
3+PE		12A	630V	16	1.5	FKM	M12K04MBRB9WV005011	1006020000624
4+PE		12A	630V	16	1.5	FKM	M12K05MBRB9WV005011	1006020000630
2+PE		12A	630V	16	1.5	NBR	M12K03MBRB9WV005001	1006020000621
3+PE		12A	630V	16	1.5	NBR	M12K04MBRB9WV005001	1006020000627
4+PE		12A	630V	16	1.5	NBR	M12K05MBRB9WV005001	1006020000633

M12 K码，公头后端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRB9WV005012	1006020000620
3+PE		12A	630V	16	1.5	FKM	M12K04MBRB9WV005012	1006020000626
4+PE		12A	630V	16	1.5	FKM	M12K05MBRB9WV005012	1006020000632
2+PE		12A	630V	16	1.5	NBR	M12K03MBRB9WV005002	1006020000623
3+PE		12A	630V	16	1.5	NBR	M12K04MBRB9WV005002	1006020000629
4+PE		12A	630V	16	1.5	NBR	M12K05MBRB9WV005002	1006020000635

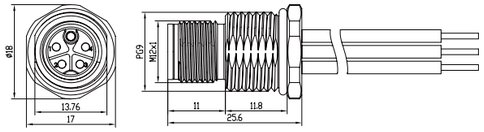
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 K码，公头后端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



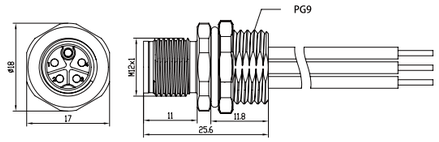
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRB9WV005010	1006020000619
3+PE		12A	630V	16	1.5	FKM	M12K04MBRB9WV005010	1006020000625
4+PE		12A	630V	16	1.5	FKM	M12K05MBRB9WV005010	1006020000631
2+PE		12A	630V	16	1.5	NBR	M12K03MBRB9WV005000	1006020000622
3+PE		12A	630V	16	1.5	NBR	M12K04MBRB9WV005000	1006020000628
4+PE		12A	630V	16	1.5	NBR	M12K05MBRB9WV005000	1006020000634

M12 K码，公头前端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRF9WV005011	1006020000654
3+PE		12A	630V	16	1.5	FKM	M12K04MBRF9WV005011	1006020000660
4+PE		12A	630V	16	1.5	FKM	M12K05MBRF9WV005011	1006020000666
2+PE		12A	630V	16	1.5	NBR	M12K03MBRF9WV005001	1006020000657
3+PE		12A	630V	16	1.5	NBR	M12K04MBRF9WV005001	1006020000663
4+PE		12A	630V	16	1.5	NBR	M12K05MBRF9WV005001	1006020000669

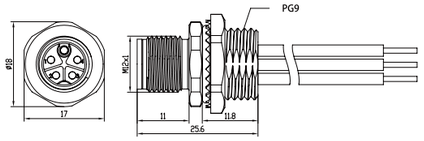
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 K码，公头前端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



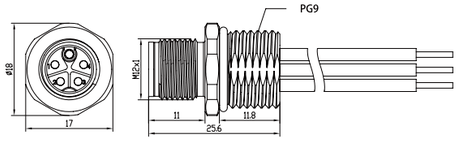
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRF9WV005012	1006020000656
3+PE		12A	630V	16	1.5	FKM	M12K04MBRF9WV005012	1006020000662
4+PE		12A	630V	16	1.5	FKM	M12K05MBRF9WV005012	1006020000668
2+PE		12A	630V	16	1.5	NBR	M12K03MBRF9WV005002	1006020000659
3+PE		12A	630V	16	1.5	NBR	M12K04MBRF9WV005002	1006020000665
4+PE		12A	630V	16	1.5	NBR	M12K05MBRF9WV005002	1006020000671

M12 K码，公头前端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRF9WV005010	1006020000655
3+PE		12A	630V	16	1.5	FKM	M12K04MBRF9WV005010	1006020000661
4+PE		12A	630V	16	1.5	FKM	M12K05MBRF9WV005010	1006020000667
2+PE		12A	630V	16	1.5	NBR	M12K03MBRF9WV005000	1006020000658
3+PE		12A	630V	16	1.5	NBR	M12K04MBRF9WV005000	1006020000664
4+PE		12A	630V	16	1.5	NBR	M12K05MBRF9WV005000	1006020000670

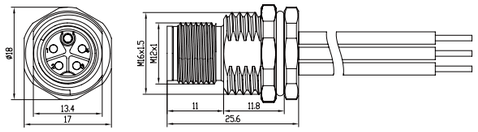
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 K码，公头后端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



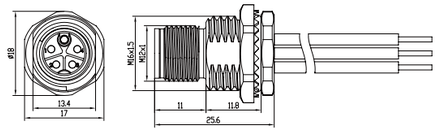
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRB6WV005011	1006020000600
3+PE		12A	630V	16	1.5	FKM	M12K04MBRB6WV005011	1006020000606
4+PE		12A	630V	16	1.5	FKM	M12K05MBRB6WV005011	1006020000612
2+PE		12A	630V	16	1.5	NBR	M12K03MBRB6WV005001	1006020000603
3+PE		12A	630V	16	1.5	NBR	M12K04MBRB6WV005001	1006020000609
4+PE		12A	630V	16	1.5	NBR	M12K05MBRB6WV005001	1006020000615

M12 K码，公头后端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRB6WV005012	1006020000602
3+PE		12A	630V	16	1.5	FKM	M12K04MBRB6WV005012	1006020000608
4+PE		12A	630V	16	1.5	FKM	M12K05MBRB6WV005012	1006020000614
2+PE		12A	630V	16	1.5	NBR	M12K03MBRB6WV005002	1006020000605
3+PE		12A	630V	16	1.5	NBR	M12K04MBRB6WV005002	1006020000611
4+PE		12A	630V	16	1.5	NBR	M12K05MBRB6WV005002	1006020000617

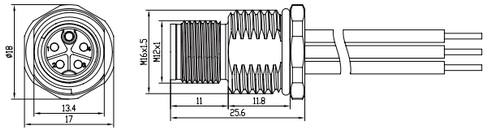
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 K码，公头后端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



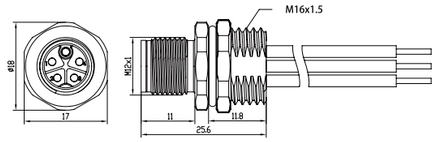
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRB6WV005010	1006020000601
3+PE		12A	630V	16	1.5	FKM	M12K04MBRB6WV005010	1006020000607
4+PE		12A	630V	16	1.5	FKM	M12K05MBRB6WV005010	1006020000613
2+PE		12A	630V	16	1.5	NBR	M12K03MBRB6WV005000	1006020000604
3+PE		12A	630V	16	1.5	NBR	M12K04MBRB6WV005000	1006020000610
4+PE		12A	630V	16	1.5	NBR	M12K05MBRB6WV005000	1006020000616

M12 K码，公头前端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



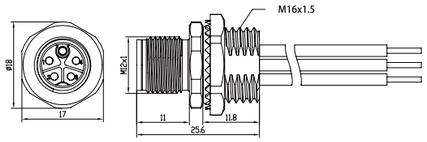
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRF6WV005011	1006020000636
3+PE		12A	630V	16	1.5	FKM	M12K04MBRF6WV005011	1006020000642
4+PE		12A	630V	16	1.5	FKM	M12K05MBRF6WV005011	1006020000648
2+PE		12A	630V	16	1.5	NBR	M12K03MBRF6WV005001	1006020000639
3+PE		12A	630V	16	1.5	NBR	M12K04MBRF6WV005001	1006020000645
4+PE		12A	630V	16	1.5	NBR	M12K05MBRF6WV005001	1006020000651

M12 K码，公头前端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



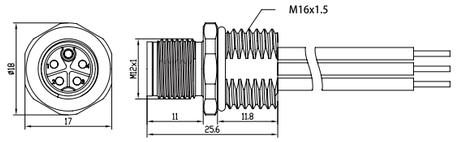
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRF6WV005012	1006020000638
3+PE		12A	630V	16	1.5	FKM	M12K04MBRF6WV005012	1006020000644
4+PE		12A	630V	16	1.5	FKM	M12K05MBRF6WV005012	1006020000650
2+PE		12A	630V	16	1.5	NBR	M12K03MBRF6WV005002	1006020000641
3+PE		12A	630V	16	1.5	NBR	M12K04MBRF6WV005002	1006020000647
4+PE		12A	630V	16	1.5	NBR	M12K05MBRF6WV005002	1006020000653

M12 K码，公头前端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, K-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12K03MBRF6WV005010	1006020000637
3+PE		12A	630V	16	1.5	FKM	M12K04MBRF6WV005010	1006020000643
4+PE		12A	630V	16	1.5	FKM	M12K05MBRF6WV005010	1006020000649
2+PE		12A	630V	16	1.5	NBR	M12K03MBRF6WV005000	1006020000640
3+PE		12A	630V	16	1.5	NBR	M12K04MBRF6WV005000	1006020000646
4+PE		12A	630V	16	1.5	NBR	M12K05MBRF6WV005000	1006020000652

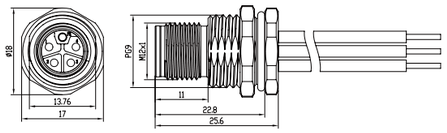
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 L码，公头后端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



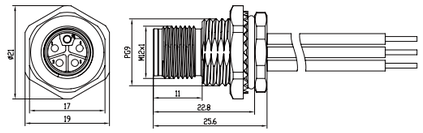
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRB9WV005011	1006020000492
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRB9WV005011	1006020000498
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRB9WV005011	1006020000504
2		16A	63V	16	1.5	FKM	M12L02MBRB9WV005011	1006020000510
3		16A	63V	16	1.5	FKM	M12L03MBRB9WV005011	1006020000516
4		16A	63V	16	1.5	FKM	M12L04MBRB9WV005011	1006020000522
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRB9WV005001	1006020000495
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRB9WV005001	1006020000501
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRB9WV005001	1006020000507
2		16A	63V	16	1.5	NBR	M12L02MBRB9WV005001	1006020000513
3		16A	63V	16	1.5	NBR	M12L03MBRB9WV005001	1006020000519
4		16A	63V	16	1.5	NBR	M12L04MBRB9WV005001	1006020000525

M12 L码，公头后端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



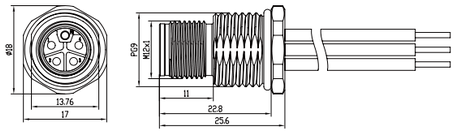
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRB9WV005012	1006020000494
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRB9WV005012	1006020000500
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRB9WV005012	1006020000506
2		16A	63V	16	1.5	FKM	M12L02MBRB9WV005012	1006020000512
3		16A	63V	16	1.5	FKM	M12L03MBRB9WV005012	1006020000518
4		16A	63V	16	1.5	FKM	M12L04MBRB9WV005012	1006020000524
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRB9WV005002	1006020000497
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRB9WV005002	1006020000503
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRB9WV005002	1006020000509
2		16A	63V	16	1.5	NBR	M12L02MBRB9WV005002	1006020000515
3		16A	63V	16	1.5	NBR	M12L03MBRB9WV005002	1006020000521
4		16A	63V	16	1.5	NBR	M12L04MBRB9WV005002	1006020000527

M12 L码，公头后端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



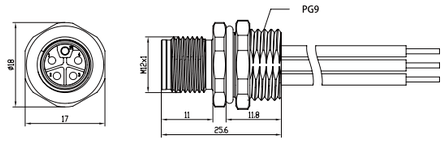
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRB9WV005010	1006020000492
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRB9WV005010	1006020000498
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRB9WV005010	1006020000504
2		16A	63V	16	1.5	FKM	M12L02MBRB9WV005010	1006020000510
3		16A	63V	16	1.5	FKM	M12L03MBRB9WV005010	1006020000516
4		16A	63V	16	1.5	FKM	M12L04MBRB9WV005010	1006020000522
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRB9WV005000	1006020000495
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRB9WV005000	1006020000501
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRB9WV005000	1006020000507
2		16A	63V	16	1.5	NBR	M12L02MBRB9WV005000	1006020000513
3		16A	63V	16	1.5	NBR	M12L03MBRB9WV005000	1006020000519
4		16A	63V	16	1.5	NBR	M12L04MBRB9WV005000	1006020000525

M12 L码，公头前端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRF9WV005011	1006020000564
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRF9WV005011	1006020000570
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRF9WV005011	1006020000576
2		16A	63V	16	1.5	FKM	M12L02MBRF9WV005011	1006020000582
3		16A	63V	16	1.5	FKM	M12L03MBRF9WV005011	1006020000588
4		16A	63V	16	1.5	FKM	M12L04MBRF9WV005011	1006020000594
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRF9WV005001	1006020000567
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRF9WV005001	1006020000573
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRF9WV005001	1006020000579
2		16A	63V	16	1.5	NBR	M12L02MBRF9WV005001	1006020000585
3		16A	63V	16	1.5	NBR	M12L03MBRF9WV005001	1006020000591
4		16A	63V	16	1.5	NBR	M12L04MBRF9WV005001	1006020000597

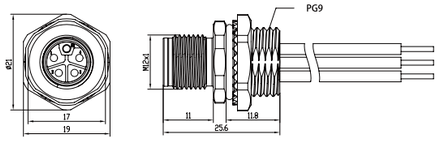
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 L码，公头前端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



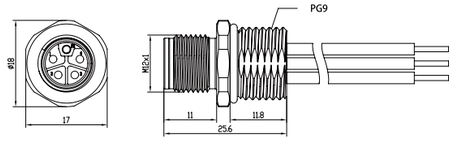
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRF9WV005012	1006020000566
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRF9WV005012	1006020000572
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRF9WV005012	1006020000578
2		16A	63V	16	1.5	FKM	M12L02MBRF9WV005012	1006020000584
3		16A	63V	16	1.5	FKM	M12L03MBRF9WV005012	1006020000590
4		16A	63V	16	1.5	FKM	M12L04MBRF9WV005012	1006020000596
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRF9WV005002	1006020000569
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRF9WV005002	1006020000575
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRF9WV005002	1006020000581
2		16A	63V	16	1.5	NBR	M12L02MBRF9WV005002	1006020000587
3		16A	63V	16	1.5	NBR	M12L03MBRF9WV005002	1006020000593
4		16A	63V	16	1.5	NBR	M12L04MBRF9WV005002	1006020000599

M12 L码，公头前端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRF9WV005010	1006020000565
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRF9WV005010	1006020000571
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRF9WV005010	1006020000577
2		16A	63V	16	1.5	FKM	M12L02MBRF9WV005010	1006020000583
3		16A	63V	16	1.5	FKM	M12L03MBRF9WV005010	1006020000589
4		16A	63V	16	1.5	FKM	M12L04MBRF9WV005010	1006020000595
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRF9WV005000	1006020000568
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRF9WV005000	1006020000574
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRF9WV005000	1006020000580
2		16A	63V	16	1.5	NBR	M12L02MBRF9WV005000	1006020000586
3		16A	63V	16	1.5	NBR	M12L03MBRF9WV005000	1006020000592
4		16A	63V	16	1.5	NBR	M12L04MBRF9WV005000	1006020000598

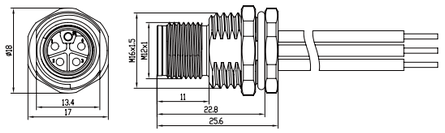
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 L码，公头后端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



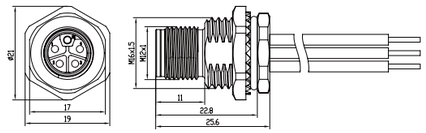
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRB6WV005011	1006020000456
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRB6WV005011	1006020000462
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRB6WV005011	1006020000468
2		16A	63V	16	1.5	FKM	M12L02MBRB6WV005011	1006020000474
3		16A	63V	16	1.5	FKM	M12L03MBRB6WV005011	1006020000480
4		16A	63V	16	1.5	FKM	M12L04MBRB6WV005011	1006020000486
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRB6WV005001	1006020000459
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRB6WV005001	1006020000465
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRB6WV005001	1006020000471
2		16A	63V	16	1.5	NBR	M12L02MBRB6WV005001	1006020000477
3		16A	63V	16	1.5	NBR	M12L03MBRB6WV005001	1006020000483
4		16A	63V	16	1.5	NBR	M12L04MBRB6WV005001	1006020000489

M12 L码，公头后端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRB6WV005012	1006020000458
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRB6WV005012	1006020000464
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRB6WV005012	1006020000470
2		16A	63V	16	1.5	FKM	M12L02MBRB6WV005012	1006020000476
3		16A	63V	16	1.5	FKM	M12L03MBRB6WV005012	1006020000482
4		16A	63V	16	1.5	FKM	M12L04MBRB6WV005012	1006020000488
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRB6WV005002	1006020000461
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRB6WV005002	1006020000467
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRB6WV005002	1006020000473
2		16A	63V	16	1.5	NBR	M12L02MBRB6WV005002	1006020000479
3		16A	63V	16	1.5	NBR	M12L03MBRB6WV005002	1006020000485
4		16A	63V	16	1.5	NBR	M12L04MBRB6WV005002	1006020000491

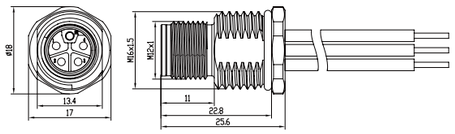
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 L码，公头后端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



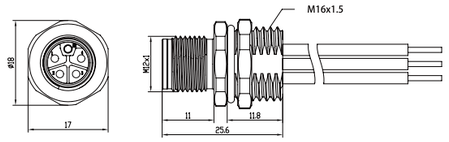
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRB6WV005010	1006020000457
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRB6WV005010	1006020000463
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRB6WV005010	1006020000469
2		16A	63V	16	1.5	FKM	M12L02MBRB6WV005010	1006020000475
3		16A	63V	16	1.5	FKM	M12L03MBRB6WV005010	1006020000481
4		16A	63V	16	1.5	FKM	M12L04MBRB6WV005010	1006020000487
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRB6WV005000	1006020000460
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRB6WV005000	1006020000466
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRB6WV005000	1006020000472
2		16A	63V	16	1.5	NBR	M12L02MBRB6WV005000	1006020000478
3		16A	63V	16	1.5	NBR	M12L03MBRB6WV005000	1006020000484
4		16A	63V	16	1.5	NBR	M12L04MBRB6WV005000	1006020000490

M12 L码，公头前端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



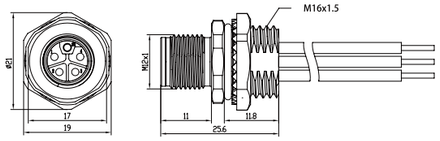
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRF6WV005011	1006020000528
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRF6WV005011	1006020000534
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRF6WV005011	1006020000540
2		16A	63V	16	1.5	FKM	M12L02MBRF6WV005011	1006020000546
3		16A	63V	16	1.5	FKM	M12L03MBRF6WV005011	1006020000552
4		16A	63V	16	1.5	FKM	M12L04MBRF6WV005011	1006020000558
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRF6WV005001	1006020000531
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRF6WV005001	1006020000537
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRF6WV005001	1006020000543
2		16A	63V	16	1.5	NBR	M12L02MBRF6WV005001	1006020000549
3		16A	63V	16	1.5	NBR	M12L03MBRF6WV005001	1006020000555
4		16A	63V	16	1.5	NBR	M12L04MBRF6WV005001	1006020000561

M12 L码，公头前端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



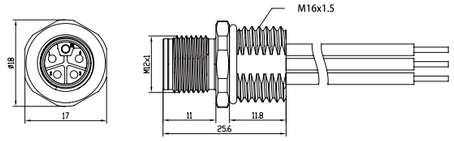
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRF6WV005012	1006020000530
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRF6WV005012	1006020000536
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRF6WV005012	1006020000542
2		16A	63V	16	1.5	FKM	M12L02MBRF6WV005012	1006020000548
3		16A	63V	16	1.5	FKM	M12L03MBRF6WV005012	1006020000554
4		16A	63V	16	1.5	FKM	M12L04MBRF6WV005012	1006020000560
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRF6WV005002	1006020000533
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRF6WV005002	1006020000539
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRF6WV005002	1006020000545
2		16A	63V	16	1.5	NBR	M12L02MBRF6WV005002	1006020000551
3		16A	63V	16	1.5	NBR	M12L03MBRF6WV005002	1006020000557
4		16A	63V	16	1.5	NBR	M12L04MBRF6WV005002	1006020000563

M12 L码，公头前端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, L-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+FE		16A	63V	16	1.5	FKM	M12L2EMBRF6WV005010	1006020000529
3+FE		16A	63V	16	1.5	FKM	M12L3EMBRF6WV005010	1006020000535
4+FE		16A	63V	16	1.5	FKM	M12L4EMBRF6WV005010	1006020000541
2		16A	63V	16	1.5	FKM	M12L02MBRF6WV005010	1006020000547
3		16A	63V	16	1.5	FKM	M12L03MBRF6WV005010	1006020000553
4		16A	63V	16	1.5	FKM	M12L04MBRF6WV005010	1006020000559
2+FE		16A	63V	16	1.5	NBR	M12L2EMBRF6WV005000	1006020000532
3+FE		16A	63V	16	1.5	NBR	M12L3EMBRF6WV005000	1006020000538
4+FE		16A	63V	16	1.5	NBR	M12L4EMBRF6WV005000	1006020000544
2		16A	63V	16	1.5	NBR	M12L02MBRF6WV005000	1006020000550
3		16A	63V	16	1.5	NBR	M12L03MBRF6WV005000	1006020000556
4		16A	63V	16	1.5	NBR	M12L04MBRF6WV005000	1006020000562

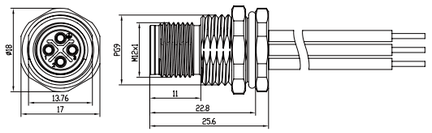
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 S码，公头后端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



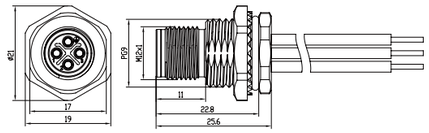
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRB9WV005011	1006020000373
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRB9WV005011	1006020000361
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRB9WV005001	1006020000376
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRB9WV005001	1006020000364

M12 S码，公头后端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67 (仅在拧紧状态下)	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRB9WV005012	1006020000375
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRB9WV005012	1006020000363
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRB9WV005002	1006020000378
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRB9WV005002	1006020000366

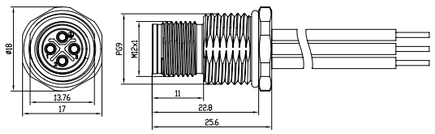
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 S码，公头后端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



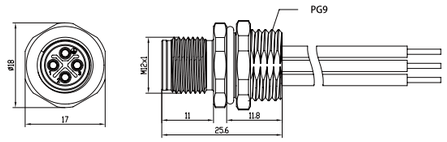
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRB9WV005010	1006020000374
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRB9WV005010	1006020000362
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRB9WV005000	1006020000377
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRB9WV005000	1006020000365

M12 S码，公头前端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



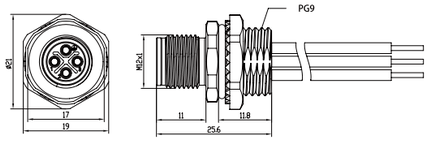
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRF9WV005011	1006020000379
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRF9WV005011	1006020000367
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRF9WV005001	1006020000346
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRF9WV005001	1006020000382

M12 S码，公头前端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



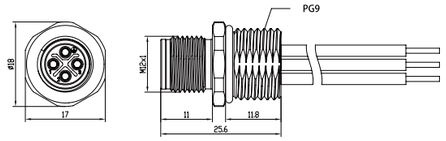
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRF9WV005012	1006020000345
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRF9WV005012	1006020000381
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRF9WV005002	1006020000348
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRF9WV005002	1006020000384

M12 S码，公头前端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



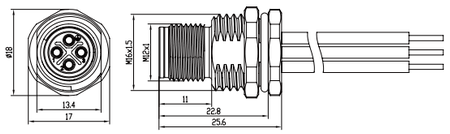
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRF9WV005010	1006020000344
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRF9WV005010	1006020000380
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRF9WV005000	1006020000347
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRF9WV005000	1006020000383

M12 S码，公头后端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



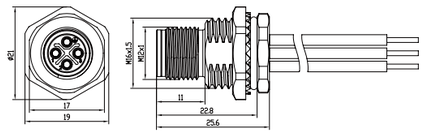
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRB6WV005011	1006020000343
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRB6WV005011	1006020000337
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRB6WV005001	1006020000346
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRB6WV005001	1006020000340

M12 S码，公头后端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRB6WV005012	1006020000345
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRB6WV005012	1006020000339
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRB6WV005002	1006020000348
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRB6WV005002	1006020000342

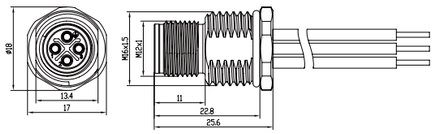
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 S码，公头后端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



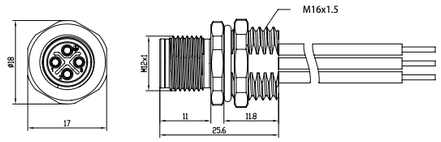
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRB6WV005010	1006020000344
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRB6WV005010	1006020000338
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRB6WV005000	1006020000347
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRB6WV005000	1006020000341

M12 S码，公头前端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



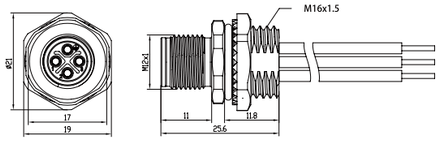
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRF6WV005011	1006020000343
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRF6WV005011	1006020000355
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRF6WV005001	1006020000346
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRF6WV005001	1006020000358

M12 S码，公头前端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



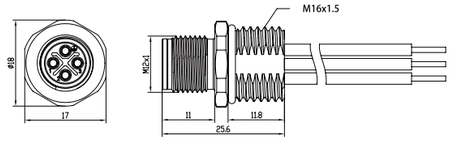
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRF6WV005012	1006020000345
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRF6WV005012	1006020000357
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRF6WV005002	1006020000348
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRF6WV005002	1006020000360

M12 S码，公头前端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, S-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2+PE		12A	630V	16	1.5	FKM	M12S2EMBRF6WV005010	1006020000344
3+PE		12A	630V	16	1.5	FKM	M12S3EMBRF6WV005010	1006020000356
2+PE		12A	630V	16	1.5	NBR	M12S2EMBRF6WV005000	1006020000347
3+PE		12A	630V	16	1.5	NBR	M12S3EMBRF6WV005000	1006020000359

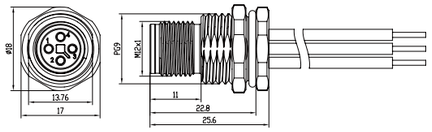
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 T码，公头后端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



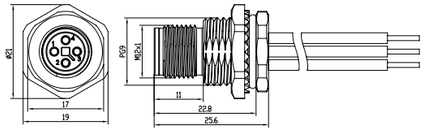
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRB9WV005011	1006020000403
3		12A	63V	16	0.34	FKM	M12T03MBRB9WV005011	1006020000409
4		12A	63V	16	0.34	FKM	M12T04MBRB9WV005011	1006020000415
2		12A	63V	16	0.34	NBR	M12T02MBRB9WV005001	1006020000406
3		12A	63V	16	0.34	NBR	M12T03MBRB9WV005001	1006020000412
4		12A	63V	16	0.34	NBR	M12T04MBRB9WV005001	1006020000418

M12 T码，公头后端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRB9WV005012	1006020000405
3		12A	63V	16	0.34	FKM	M12T03MBRB9WV005012	1006020000411
4		12A	63V	16	0.34	FKM	M12T04MBRB9WV005012	1006020000417
2		12A	63V	16	0.34	NBR	M12T02MBRB9WV005002	1006020000408
3		12A	63V	16	0.34	NBR	M12T03MBRB9WV005002	1006020000414
4		12A	63V	16	0.34	NBR	M12T04MBRB9WV005002	1006020000419

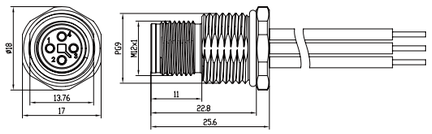
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 T码，公头后端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



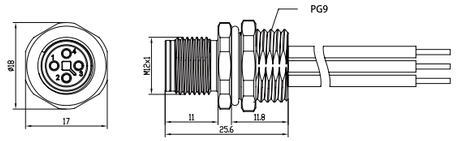
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRB9WV005010	1006020000404
3		12A	63V	16	0.34	FKM	M12T03MBRB9WV005010	1006020000410
4		12A	63V	16	0.34	FKM	M12T04MBRB9WV005010	1006020000416
2		12A	63V	16	0.34	NBR	M12T02MBRB9WV005000	1006020000407
3		12A	63V	16	0.34	NBR	M12T03MBRB9WV005000	1006020000413
4		12A	63V	16	0.34	NBR	M12T04MBRB9WV005000	1006020000672

M12 T码，公头前端安装，电子线，PG9安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRF9WV005011	1006020000438
3		12A	63V	16	0.34	FKM	M12T03MBRF9WV005011	1006020000444
4		12A	63V	16	0.34	FKM	M12T04MBRF9WV005011	1006020000450
2		12A	63V	16	0.34	NBR	M12T02MBRF9WV005001	1006020000441
3		12A	63V	16	0.34	NBR	M12T03MBRF9WV005001	1006020000447
4		12A	63V	16	0.34	NBR	M12T04MBRF9WV005001	1006020000453

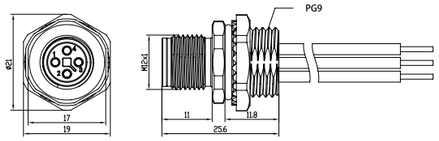
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 T码，公头前端安装，电子线，PG9安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



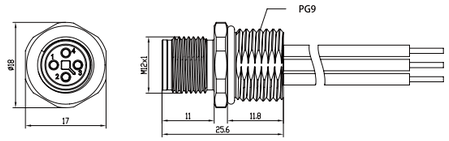
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRF9WV005012	1006020000440
3		12A	63V	16	0.34	FKM	M12T03MBRF9WV005012	1006020000446
4		12A	63V	16	0.34	FKM	M12T04MBRF9WV005012	1006020000452
2		12A	63V	16	0.34	NBR	M12T02MBRF9WV005002	1006020000443
3		12A	63V	16	0.34	NBR	M12T03MBRF9WV005002	1006020000449
4		12A	63V	16	0.34	NBR	M12T04MBRF9WV005002	1006020000455

M12 T码，公头前端安装，电子线，PG9安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	PG9	Mounting thread:	PG9
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRF9WV005010	1006020000439
3		12A	63V	16	0.34	FKM	M12T03MBRF9WV005010	1006020000445
4		12A	63V	16	0.34	FKM	M12T04MBRF9WV005010	1006020000451
2		12A	63V	16	0.34	NBR	M12T02MBRF9WV005000	1006020000442
3		12A	63V	16	0.34	NBR	M12T03MBRF9WV005000	1006020000448
4		12A	63V	16	0.34	NBR	M12T04MBRF9WV005000	1006020000454

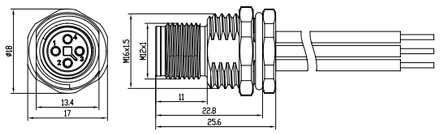
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 T码，公头后端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Rear mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



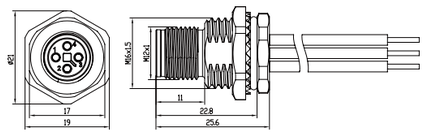
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRB6WV005011	1006020000385
3		12A	63V	16	0.34	FKM	M12T03MBRB6WV005011	1006020000391
4		12A	63V	16	0.34	FKM	M12T04MBRB6WV005011	1006020000397
2		12A	63V	16	0.34	NBR	M12T02MBRB6WV005001	1006020000388
3		12A	63V	16	0.34	NBR	M12T03MBRB6WV005001	1006020000394
4		12A	63V	16	0.34	NBR	M12T04MBRB6WV005001	1006020000400

M12 T码，公头后端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Rear mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



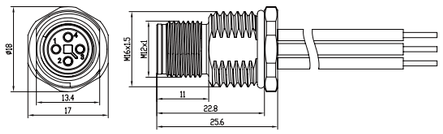
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRB6WV005012	1006020000387
3		12A	63V	16	0.34	FKM	M12T03MBRB6WV005012	1006020000393
4		12A	63V	16	0.34	FKM	M12T04MBRB6WV005012	1006020000399
2		12A	63V	16	0.34	NBR	M12T02MBRB6WV005002	1006020000390
3		12A	63V	16	0.34	NBR	M12T03MBRB6WV005002	1006020000396
4		12A	63V	16	0.34	NBR	M12T04MBRB6WV005002	1006020000402

M12 T码，公头后端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Rear mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



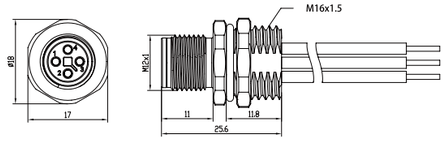
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRB6WV005010	1006020000386
3		12A	63V	16	0.34	FKM	M12T03MBRB6WV005010	1006020000392
4		12A	63V	16	0.34	FKM	M12T04MBRB6WV005010	1006020000398
2		12A	63V	16	0.34	NBR	M12T02MBRB6WV005000	1006020000389
3		12A	63V	16	0.34	NBR	M12T03MBRB6WV005000	1006020000395
4		12A	63V	16	0.34	NBR	M12T04MBRB6WV005000	1006020000401

M12 T码，公头前端安装，电子线，M16安装螺纹，标准螺母

M12 Receptacle, Wires, Front mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRF6WV005011	1006020000420
3		12A	63V	16	0.34	FKM	M12T03MBRF6WV005011	1006020000426
4		12A	63V	16	0.34	FKM	M12T04MBRF6WV005011	1006020000432
2		12A	63V	16	0.34	NBR	M12T02MBRF6WV005001	1006020000423
3		12A	63V	16	0.34	NBR	M12T03MBRF6WV005001	1006020000429
4		12A	63V	16	0.34	NBR	M12T04MBRF6WV005001	1006020000435

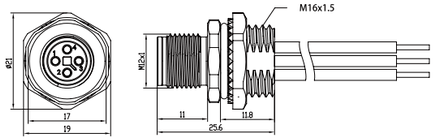
M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

M12 T码，公头前端安装，电子线，M16安装螺纹，齿形螺母

M12 Receptacle, Wires, Front mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



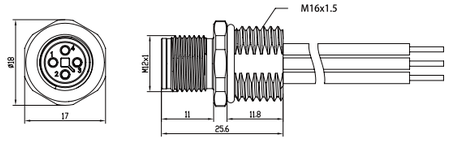
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRF6WV005012	1006020000422
3		12A	63V	16	0.34	FKM	M12T03MBRF6WV005012	1006020000428
4		12A	63V	16	0.34	FKM	M12T04MBRF6WV005012	1006020000434
2		12A	63V	16	0.34	NBR	M12T02MBRF6WV005002	1006020000425
3		12A	63V	16	0.34	NBR	M12T03MBRF6WV005002	1006020000431
4		12A	63V	16	0.34	NBR	M12T04MBRF6WV005002	1006020000437

M12 T码，公头前端安装，电子线，M16安装螺纹，不带螺母

M12 Receptacle, Wires, Front mounted, T-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
安装螺纹:	M16x1.5	Mounting thread:	M16x1.5
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA
线材绝缘:	PVC	Wire insulation:	PVC



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Seal	Product model	Part .No
2		12A	63V	16	0.34	FKM	M12T02MBRF6WV005010	1006020000421
3		12A	63V	16	0.34	FKM	M12T03MBRF6WV005010	1006020000427
4		12A	63V	16	0.34	FKM	M12T04MBRF6WV005010	1006020000433
2		12A	63V	16	0.34	NBR	M12T02MBRF6WV005000	1006020000424
3		12A	63V	16	0.34	NBR	M12T03MBRF6WV005000	1006020000430
4		12A	63V	16	0.34	NBR	M12T04MBRF6WV005000	1006020000436

M12 M系列预铸电缆连接器（单端）
The overmolded connection cable

直头，母头
Straight，Female

弯头，母头
Angled，Female

直头，公头
Straight，Male

弯头，公头
Angled，Male

产品特点 Product Features

- M系列连接器预铸电缆式产品，采用一体成型工艺,防护功能更持久可靠,更适合用于恶劣的工业现场。
  The over-molded cable connectors of M series with integrated molding process, can guarantee much better protection degree, and be more durable and reliable, more suitable for harsh industrial sites.
- 依据IEC 61076-2标准设计，兼容国内外各大品牌同类产品。
  Compatible with similar products of main international brands, according to IEC 61076-2.
- 独有的结构设计即使是在高频振动环境中也能保证稳定可靠的连接。
  Unique structural design ensures stable and reliable connection even in high-frequency vibration environments.
- 直头、弯头产品满足客户现场的不同布线需求。
  Straight and angled connectors meet the different wiring needs on site.
- 提供定制化的解决方案为客户创造独特的价值。
  Provide customized solutions to create unique value for customers.

A-Code B-Code D-Code X-Code K-Code L-Code S-Code T-Code

产品型号说明
Product model description

Cable Overmolded Connector 电缆预铸式连接器型谱

Connection Cable 单端预铸电缆连接器

M12 A 04 CW F 1 Z P2 V 050 S 00

Version No.版本序列
- 00 Standard series,标准品（BK 黑色电缆）
- 11 Standard series,标准品（OG 橙色电缆；Resistant to welding sparks抗焊接火花
- 21 Profibus-DP cable电缆（VT 紫色电缆；Suitable for drag chain use拖链适用）
- 31 Ethernet/PROFINET Cable电缆,标准品（GN 绿色电缆；AWG 22, CAT 5E)
- 32 Industrial Ethernet Cable工业以太网电缆,标准品（GN绿色电缆；AWG 26, CAT 6A)

Shielded version屏蔽
- S Shielded普通屏蔽
- T 360°Shielded 360°全屏蔽
- N Non-shielded非屏蔽

Cable length电缆长度
- 010 1.0 m
- 020 2.0 m
- 050 5.0 m
- 100 10.0 m
- 150 15.0 m
- ...

Other cable length can be ordered on request
其他电缆长度可根据需求定制

Cable quality电缆材质
- V PVC, black, halogen-free PVC电缆，不含卤素
- U PUR, orange, halogen-free PUR电缆，不含卤素

LED version
- Without LED 无LED灯（没有字符表示不带LED灯）
- P2 2 LEDs 2个LED灯（暂无）

Coupling nut拧接螺母材质
- Z Diecast zinc 压铸锌

Vibration Resistant（Female）抗振性（母头）
- 1 Standard version 标准抗振
- 2 Enhanced vibration resistance（Female） 增强抗振（母头）

Gender 针座/孔座
- F Female 母头/孔座
- M Male 公头/针座

Cable Overmolded Connector 电缆预铸式连接器
- CZ Cable overmolded connector, Straight直头电缆预铸连接器
- CW Cable overmolded connector, Angled弯头电缆预铸连接器

Pins and Wires 针数及线芯数
- 03 3-pin, 3-wire
- 2E 3-pin, 3-wire 2+PE/FE
- 04 4-pin, 4-wire
- 3E 4-pin, 4-wire 3+PE/FE
- 05 5-pin, 5-wire Pin5=GY
- 4E 5-pin, 5-wire Pin5=GY 4+PE/FE
- 08 8-pin, 8-wire
- 12 12-pin, 12-wire

Code 编码
- A A-Coding A码
- B B- Coding B码
- D D-Coding D码
- X X-Coding X码
- S S-Coding S码
- T T-Coding T码
- K K-Coding K码
- L L-Coding L码

Product Series 产品系列
- M12 M12 series系列
- M08 M8 series系列

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

电线颜色
Wire Color

M12 A编码 M12 A-Code

01	02	03	04	05	06	07	08	09	10	11	12
棕 BN		蓝 BU	黑 BK								
棕 BN	白 WH	蓝 BU	黑 BK								
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY							
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR				
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR	灰/粉 GY/PK	白/蓝 WH/BU	白/灰 WH/GY	灰/棕 GY/BN

M12 S编码 M12 S-Code

01	02	03	PE
黑 BK		黑 BK	绿/黄 GN/YE
黑 BK	黑 BK	黑 BK	绿/黄 GN/YE

M12 T编码 M12 T-Code

01	02	03	04
棕 BN	白 WH	蓝 BU	黑 BK

M12 K编码 M12 K-Code

01	02	03	04	PE
黑 BK	黑 BK	黑 BK	黑 BK	绿/黄 GN/YE

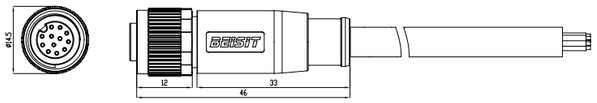
M12 L编码 M12 L-Code

01	02	03	04	FE
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY

M12 A码，母头直头，非屏蔽
M12 Overmolded connection cable, Anti-vibration, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	无	Shielding:	Unavailable
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
密封件材料:	丁晴橡胶	Seal:	NBR
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



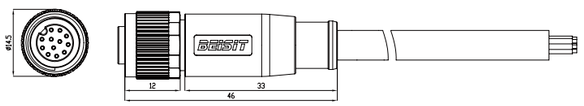
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CZF1ZV050N00	1006050000087
4		4A	250V	22	0.34	PVC	M12A04CZF1ZV050N00	1006050000103
5		4A	60V	22	0.34	PVC	M12A05CZF1ZV050N00	1006050000119
8		2A	30V	24	0.25	PVC	M12A08CZF1ZV050N00	1006050000135
12		1.5A	30V	26	0.14	PVC	M12A12CZF1ZV050N00	1006050000151
3		4A	250V	22	0.34	PUR	M12A03CZF1ZU050N00	1006050000088
4		4A	250V	22	0.34	PUR	M12A04CZF1ZU050N00	1006050000104
5		4A	60V	22	0.34	PUR	M12A05CZF1ZU050N00	1006050000120
8		2A	30V	24	0.25	PUR	M12A08CZF1ZU050N00	1006050000136
12		1.5A	30V	26	0.14	PUR	M12A12CZF1ZU050N00	1006050000152

M12 A码，母头直头，屏蔽

M12 Overmolded connection cable, Shielded, Anti-vibration, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	有	Shielding:	Available
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
密封件材料:	丁晴橡胶	Seal:	NBR
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



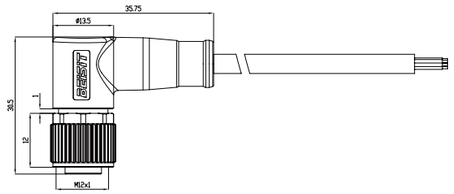
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CZF2ZV050S00	1006050000081
4		4A	250V	22	0.34	PVC	M12A04CZF2ZV050S00	1006050000097
5		4A	60V	22	0.34	PVC	M12A05CZF2ZV050S00	1006050000113
8		2A	30V	24	0.25	PVC	M12A08CZF2ZV050S00	1006050000129
12		1.5A	30V	26	0.14	PVC	M12A12CZF2ZV050S00	1006050000145
3		4A	250V	22	0.34	PUR	M12A03CZF2ZU050S00	1006050000082
4		4A	250V	22	0.34	PUR	M12A04CZF2ZU050S00	1006050000098
5		4A	60V	22	0.34	PUR	M12A05CZF2ZU050S00	1006050000114
8		2A	30V	24	0.25	PUR	M12A08CZF2ZU050S00	1006050000130
12		1.5A	30V	26	0.14	PUR	M12A12CZF2ZU050S00	1006050000146

M12 A码，母头弯头，非屏蔽

M12 Overmolded connection cable, Anti-vibration, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	无	Shielding:	Unavailable
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
密封件材料:	丁晴橡胶	Seal:	NBR
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



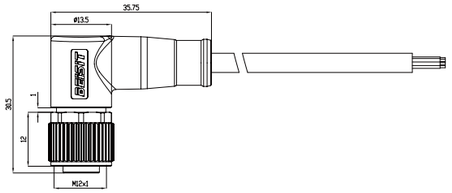
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CWF1ZV050N00	1006050000095
4		4A	250V	22	0.34	PVC	M12A04CWF1ZV050N00	1006050000111
5		4A	60V	22	0.34	PVC	M12A05CWF1ZV050N00	1006050000127
8		2A	30V	24	0.25	PVC	M12A08CWF1ZV050N00	1006050000143
12		1.5A	30V	26	0.14	PVC	M12A12CWF1ZV050N00	1006050000159
3		4A	250V	22	0.34	PUR	M12A03CWF1ZU050N00	1006050000096
4		4A	250V	22	0.34	PUR	M12A04CWF1ZU050N00	1006050000112
5		4A	60V	22	0.34	PUR	M12A05CWF1ZU050N00	1006050000128
8		2A	30V	24	0.25	PUR	M12A08CWF1ZU050N00	1006050000144
12		1.5A	30V	26	0.14	PUR	M12A12CWF1ZU050N00	1006050000160

M12 A码，母头弯头，屏蔽

M12 Overmolded connection cable, Shielded, Anti-vibration, A-code

→ Female

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	有	Shielding:	Available
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
密封件材料:	丁腈橡胶	Seal:	NBR
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



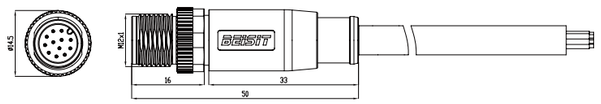
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CWF2ZV050S00	1006050000089
4		4A	250V	22	0.34	PVC	M12A04CWF2ZV050S00	1006050000105
5		4A	60V	22	0.34	PVC	M12A05CWF2ZV050S00	1006050000121
8		2A	30V	24	0.25	PVC	M12A08CWF2ZV050S00	1006050000137
12		1.5A	30V	26	0.14	PVC	M12A12CWF2ZV050S00	1006050000153
3		4A	250V	22	0.34	PUR	M12A03CWF2ZU050S00	1006050000090
4		4A	250V	22	0.34	PUR	M12A04CWF2ZU050S00	1006050000106
5		4A	60V	22	0.34	PUR	M12A05CWF2ZU050S00	1006050000122
8		2A	30V	24	0.25	PUR	M12A08CWF2ZU050S00	1006050000138
12		1.5A	30V	26	0.14	PUR	M12A12CWF2ZU050S00	1006050000154

M12 A码，公头直头，非屏蔽

M12 Overmolded connection cable, Anti-vibration, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	无	Shielding:	Unavailable
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



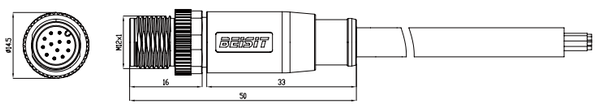
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CZM1ZV050N00	1006050000005
4		4A	250V	22	0.34	PVC	M12A04CZM1ZV050N00	1006050000021
5		4A	60V	22	0.34	PVC	M12A05CZM1ZV050N00	1006050000037
8		2A	30V	24	0.25	PVC	M12A08CZM1ZV050N00	1006050000053
12		1.5A	30V	26	0.14	PVC	M12A12CZM1ZV050N00	1006050000069
3		4A	250V	22	0.34	PUR	M12A03CZM1ZU050N00	1006050000006
4		4A	250V	22	0.34	PUR	M12A04CZM1ZU050N00	1006050000022
5		4A	60V	22	0.34	PUR	M12A05CZM1ZU050N00	1006050000038
8		2A	30V	24	0.25	PUR	M12A08CZM1ZU050N00	1006050000054
12		1.5A	30V	26	0.14	PUR	M12A12CZM1ZU050N00	1006050000070

M12 A码，公头直头，屏蔽

M12 Overmolded connection cable, Shielded, Anti-vibration, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	有	Shielding:	Available
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



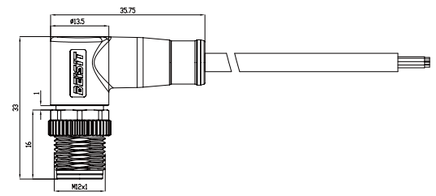
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CZM1ZV050S00	1006050000001
4		4A	250V	22	0.34	PVC	M12A04CZM1ZV050S00	1006050000017
5		4A	60V	22	0.34	PVC	M12A05CZM1ZV050S00	1006050000033
8		2A	30V	24	0.25	PVC	M12A08CZM1ZV050S00	1006050000049
12		1.5A	30V	26	0.14	PVC	M12A12CZM1ZV050S00	1006050000065
3		4A	250V	22	0.34	PUR	M12A03CZM1ZU050S00	1006050000002
4		4A	250V	22	0.34	PUR	M12A04CZM1ZU050S00	1006050000018
5		4A	60V	22	0.34	PUR	M12A05CZM1ZU050S00	1006050000034
8		2A	30V	24	0.25	PUR	M12A08CZM1ZU050S00	1006050000050
12		1.5A	30V	26	0.14	PUR	M12A12CZM1ZU050S00	1006050000066

M12 A码，公头弯头，非屏蔽

M12 Overmolded connection cable, Anti-vibration, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	无	Shielding:	Unavailable
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

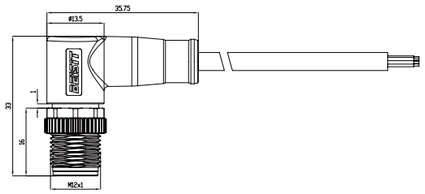


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CWM1ZV050N00	1006050000013
4		4A	250V	22	0.34	PVC	M12A04CWM1ZV050N00	1006050000029
5		4A	60V	22	0.34	PVC	M12A05CWM1ZV050N00	1006050000045
8		2A	30V	24	0.25	PVC	M12A08CWM1ZV050N00	1006050000061
12		1.5A	30V	26	0.14	PVC	M12A12CWM1ZV050N00	1006050000077
3		4A	250V	22	0.34	PUR	M12A03CWM1ZU050N00	1006050000014
4		4A	250V	22	0.34	PUR	M12A04CWM1ZU050N00	1006050000030
5		4A	60V	22	0.34	PUR	M12A05CWM1ZU050N00	1006050000046
8		2A	30V	24	0.25	PUR	M12A08CWM1ZU050N00	1006050000062
12		1.5A	30V	26	0.14	PUR	M12A12CWM1ZU050N00	1006050000078

M12 A码，公头弯头，屏蔽
M12 Overmolded connection cable, Shielded, Anti-vibration, A-code

→ Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	有	Shielding:	Available
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CWM1ZV050S00	1006050000009
4		4A	250V	22	0.34	PVC	M12A04CWM1ZV050S00	1006050000025
5		4A	60V	22	0.34	PVC	M12A05CWM1ZV050S00	1006050000041
8		2A	30V	24	0.25	PVC	M12A08CWM1ZV050S00	1006050000057
12		1.5A	30V	26	0.14	PVC	M12A12CWM1ZV050S00	1006050000073
3		4A	250V	22	0.34	PUR	M12A03CWM1ZU050S00	1006050000010
4		4A	250V	22	0.34	PUR	M12A04CWM1ZU050S00	1006050000026
5		4A	60V	22	0.34	PUR	M12A05CWM1ZU050S00	1006050000042
8		2A	30V	24	0.25	PUR	M12A08CWM1ZU050S00	1006050000058
12		1.5A	30V	26	0.14	PUR	M12A12CWM1ZU050S00	1006050000074

M12 M系列预铸电缆连接器（双端）
The overmolded extension cable

直头，母头--直头，公头
Straight, Female--Straight, Male

直头，公头--直头，公头
Straight, Male--Straight, Male

直头，母头--直头，母头
Straight, Female--Straight, Female

弯头，母头--直头，公头
Angled, Female--Straight, Male

产品特点 Product Features

- M系列连接器预铸电缆式产品，采用一体成型工艺,防护功能更持久可靠,更适合用于恶劣的工业现场。
  The over-molded cable connectors of M series with integrated molding process, can guarantee much better protection degree, and be more durable and reliable, more suitable for harsh industrial sites.
- 依据IEC 61076-2标准设计，兼容国内外各大品牌同类产品。
  Compatible with similar products of main international brands, according to IEC 61076-2.
- 独有的结构设计即使是在高频振动环境中也能保证稳定可靠的连接。
  Unique structural design ensures stable and reliable connection even in high-frequency vibration environments.
- 直头、弯头产品满足客户现场的不同布线需求。
  Straight and angled connectors meet the different wiring needs on site.
- 理想的延伸线缆，可以更改电缆走向而无需更改现场原有接线方式。
  Ideal extension cable that can change the cable routing direction without re-wiring on site.
- 实现IO模块与现场传感器或执行器之间的信号连接，也可实现模块与模块之间的通讯连接。
  Signal connections between IO modules and field sensors or actuators are realized, and communication between modules can also be realized.

A-Code B-Code D-Code X-Code

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

产品型号说明
Product model description

Cable Overmolded Connector 电缆预铸式连接器型谱

Extention Cable 双端预铸电缆连接器（母头在前，公头在后）

M12 A 04 CW F 1 Z P2 CZ M 1 V 050 S 00

Version No.版本序列
- 00 Standard series,标准品（BK 黑色电缆）
- 11 Standard series,标准品（OG 橙色电缆；Resistant to welding sparks抗焊接火花
- 21 Profibus-DP cable电缆（VT 紫色电缆；Suitable for drag chain use拖链适用）
- 31 Ethernet/PROFINET Cable电缆,标准品（GN 绿色电缆；AWG 22, CAT 5E)
- 32 Industrial Ethernet Cable工业以太网电缆,标准品（GN绿色电缆；AWG 26, CAT 6A)

Shielded version屏蔽
- S Shielded普通屏蔽
- T 360°Shielded 360°全屏蔽
- N Non-shielded非屏蔽

Cable length电缆长度
- 010 1.0 m
- 020 2.0 m
- 050 5.0 m
- 100 10.0 m
- 150 15.0 m
- ...

Other cable length can be ordered on request
其他电缆长度可根据需求定制

Cable quality电缆材质
- V PVC, black, halogen-free PVC电缆，不含卤素
- U PUR, orange, halogen-free PUR电缆，不含卤素

Vibration Resistant（Male）抗振性（公头）
- 1 Standard version 标准抗振
- 2 Enhanced vibration resistance（Female） 增强抗振（母头）

LED version LED版本
- Without LED 无LED灯（没有字符表示不带LED灯）
- P2 2 LEDs 2个LED灯（暂无）

Coupling nut拧接螺母材质
- Z Diecast zinc 压铸锌

Vibration Resistant（Female）抗振性（母头）
- 1 Standard version 标准抗振
- 2 Enhanced vibration resistance（Female） 增强抗振（母头）

Gender 针座/孔座
- F Female 母头/孔座
- M Male 公头/针座

Cable Overmolded Connector 电缆预铸式连接器
- CZ Cable overmolded connector, Straight直头电缆预铸连接器
- CW Cable overmolded connector, Angled弯头电缆预铸连接器

Pins and Wires 针数及线芯数
- 03 3-pin, 3-wire
- 2E 3-pin, 3-wire 2+PE/FE
- 04 4-pin, 4-wire
- 3E 4-pin, 4-wire 3+PE/FE
- 05 5-pin, 5-wire Pin5=GY
- 4E 5-pin, 5-wire Pin5=GY 4+PE/FE
- 08 8-pin, 8-wire
- 12 12-pin, 12-wire

Code 编码
- A A-Coding A码
- B B- Coding B码
- D D-Coding D码
- X X-Coding X码
- S S-Coding S码
- T T-Coding T码
- K K-Coding K码
- L L-Coding L码

Product Series 产品系列
- M12 M12 series系列
- M08 M8 series系列

电线颜色
Wire Color

M12 A编码 M12 A-Code

01	02	03	04	05	06	07	08	09	10	11	12
棕 BN		蓝 BU	黑 BK								
棕 BN	白 WH	蓝 BU	黑 BK								
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY							
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR				
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY	粉 PK	紫 VT	橙 OR	灰/粉 GY/PK	白/蓝 WH/BU	白/灰 WH/GY	灰/棕 GY/BN

M12 S编码 M12 S-Code

01	02	03	PE
黑 BK		黑 BK	绿/黄 GN/YE
黑 BK	黑 BK	黑 BK	绿/黄 GN/YE

M12 T编码 M12 T-Code

01	02	03	04
棕 BN	白 WH	蓝 BU	黑 BK

M12 K编码 M12 K-Code

01	02	03	04	PE
黑 BK	黑 BK	黑 BK	黑 BK	绿/黄 GN/YE

M12 L编码 M12 L-Code

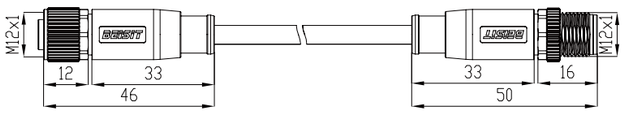
01	02	03	04	FE
棕 BN	白 WH	蓝 BU	黑 BK	灰 GY

M12 A码，母头直头，公头直头，非屏蔽

M12 Overmolded extention cable, Anti-vibration, A-code

→ Female – Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	无	Shielding:	Unavailable
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
密封件材料:	氟橡胶	Seal:	FKM
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA



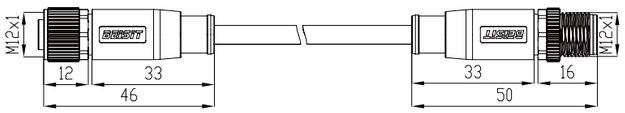
Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CZF1ZCZM1V050N00	1006050000231
4		4A	250V	22	0.34	PVC	M12A04CZF1ZCZM1V050N00	1006050000233
5		4A	250V	22	0.34	PVC	M12A05CZF1ZCZM1V050N00	1006050000235
3		4A	250V	22	0.34	PUR	M12A03CZF1ZCZM1U050N00	1006050000232
4		4A	250V	22	0.34	PUR	M12A04CZF1ZCZM1U050N00	1006050000234
5		4A	250V	22	0.34	PUR	M12A05CZF1ZCZM1U050N00	1006050000236

M12 A码，母头直头，公头直头，屏蔽

M12 Overmolded extention cable, Shielded, Anti-vibration, A-code

→ Female – Male

执行标准:	IEC 61076-2-101	Standard:	IEC 61076-2-101
工作温度:	-40~80℃	Ambient Temp. Range:	-40~80℃
屏蔽功能:	有	Shielding:	Shielded
机械寿命:	≥100次	Mechanical Lifespan:	≥100 Mating cycles
防护等级:	IP67（仅在拧紧状态下）	Protection Class:	IP67, Only in screwed condition
密封件材料:	氟橡胶	Seal:	FKM
外壳体材料:	铜合金，镀镍	Coupling Nut/screw:	Brass,Nickel plated
接触件材料:	铜合金，镀金	Cantacts:	Brass,Gold plated
绝缘体材料:	尼龙	Contacts Carrier:	PA

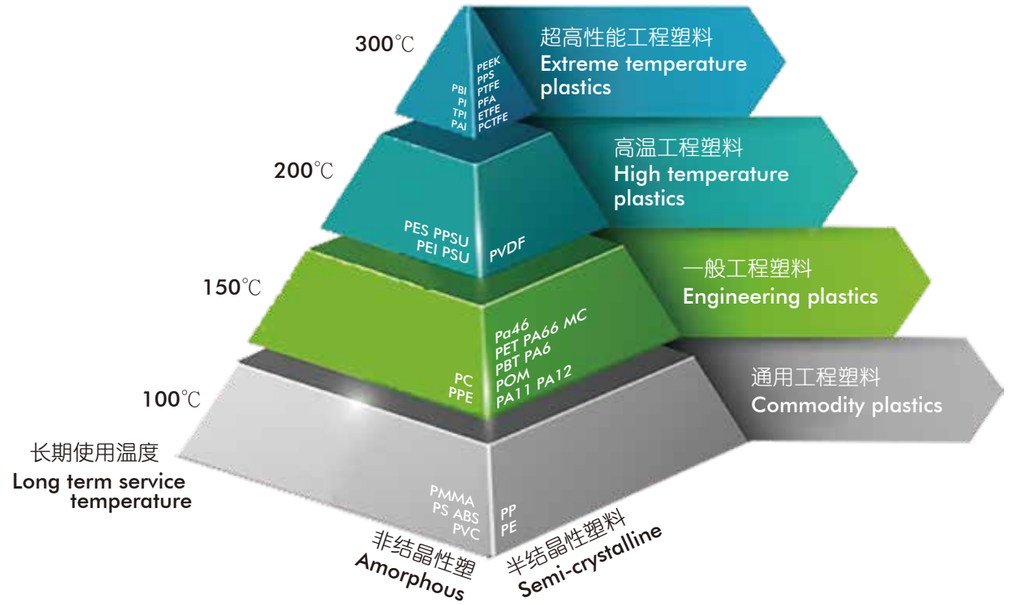


Pins	Available Coding	Rated current	Voltage	AWG	mm²	Cable jacket	Product model	Part .No
3		4A	250V	22	0.34	PVC	M12A03CZF2ZCZM1V050S00	1006050000225
4		4A	250V	22	0.34	PVC	M12A04CZF2ZCZM1V050S00	1006050000227
5		4A	250V	22	0.34	PVC	M12A05CZF2ZCZM1V050S00	1006050000229
3		4A	250V	22	0.34	PUR	M12A03CZF2ZCZM1U050S00	1006050000226
4		4A	250V	22	0.34	PUR	M12A04CZF2ZCZM1U050S00	1006050000228
5		4A	250V	22	0.34	PUR	M12A05CZF2ZCZM1U050S00	1006050000230

金属材料
Metal Materials

材料名称 Material brand no.	材料特性 Material Characteristics	应用 Application
纯铜 *Pure Copper*	含铜量最高的铜，呈紫红色又称紫铜。 Pure copper is the copper with the highest copper content, and it is purple-red, also known as red copper.	纯铜的电导率和热导率仅次于纯银，具有很好的导电和导热性能，常用于制造电线、电缆、电刷和制造须防磁性干扰的磁学仪器、仪表等。 The electrical conductivity and thermal conductivity of pure copper is second only to pure silver, and it has good electrical and thermal conductivity. It is often used in the manufacture of wires, cables, brushes, and the manufacture of magnetic instruments and meters that must be protected from magnetic interference.
黄铜 *Brass*	由铜和锌为主要元素所组成的合金材料，呈金黄色。由铜、锌两种元素组成的铜合金称为普通黄铜，主要用于制造阀门、水管和散热器等。 Brass is an alloy material composed of copper and zinc as the main elements, and it is golden yellow color. The copper alloy composed of copper and zinc is called common brass, which is mainly used to make valves, water pipes, and radiators.	由两种（如：铜、锌、铅、锡、锰、镍、铁、硅等）以上元素组成的铜合金称为特殊黄铜，它强度高、硬度大、耐化学腐蚀，易切削、耐磨，机械性能突出，主要用于铸造、机加黄铜零件等。 The copper alloy composed of two elements (such as copper, zinc, lead, tin, manganese, nickel, iron, silicon, etc.) is called special brass. It has high strength, high hardness, chemical corrosion resistance, easy cutting, and resistance. Grinding, outstanding mechanical properties, mainly used for casting, machined brass parts, etc.
白铜 *Cupronickel*	由铜和镍为主要元素所组成的合金材料，呈银白色。由铜、镍两种元素组成的铜合金称为称普通白铜。由两种（如：铜、镍、锰、铁、锌、铝等）以上元素组成的铜合金称为特殊复杂白铜。 Cupronickel is an alloy material composed of copper and nickel as the main elements, and it is silver-white color. The copper alloy composed of copper and nickel is called common cupronickel. Copper alloys composed of two elements (such as copper, nickel, manganese, iron, zinc, aluminum, etc.) are called special complex cupronickel.	工业用白铜分为结构白铜和电工白铜两大类：结构白铜机械性能好、耐蚀性、色泽美观，主要用于制造精密机械、配件、化工机械和船舶构件等；电工白铜具有良好的热电性能（如：锰铜、康铜、考铜），主要用于制造精密电工仪器、变阻器、精密电阻、应变片、热电偶等。 Industrial cupronickel is divided into two categories: structural cupronickel and electrical cupronickel: structural cupronickel has good mechanical properties, corrosion resistance, and beautiful color. It is mainly used to manufacture precision machinery, accessories, chemical machinery, and ship components; electrical cupronickel has good thermoelectric properties (Such as manganese bronze, constantan, copper), mainly used to manufacture precision electrical instruments, varistors, precision resistors, strain gauges, thermocouples, etc.
青铜 *Bronze*	由铜和锡或铅为主要元素所组成的合金材料，是除黄铜、白铜以外的第三类铜合金。 青铜具有低熔点、硬度高、可塑性强、耐磨、耐腐蚀、色泽光亮等特点，主要用于铸造各种器具、机械零件等。 Bronze is an alloy material composed of copper and tin or leads as the main elements. It is the third type of copper alloy except for brass and cupronickel. Bronze has the characteristics of low melting point, high hardness, strong plasticity, wear resistance, corrosion resistance, and bright color. It is mainly used for casting various appliances and mechanical parts.	添加其它主要元素的青铜合金可用于特定的行业，如：适用于机械行业的锡青铜、铅青铜、铝青铜；适用于电子行业的磷青铜、铍青铜。 Bronze alloys with other main elements added can be used in specific industries, such as tin bronze, lead bronze, and aluminum bronze for the machinery industry; phosphor bronze and beryllium bronze for the electronics industry.
奥氏体不锈钢 *Austenitic stainless steel*	奥氏体不锈钢是指在常温下具有奥氏体组织的不锈钢。奥氏体不锈钢无磁性而且具有高韧性和塑性，但强度较低不能通过相变使之强化，仅能通过冷加工进行强化。 Austenitic stainless steel refers to stainless steel that has an austenitic structure at room temperature. Austenitic stainless steel is non-magnetic and has high toughness and plasticity, but its strength is low and cannot be strengthened by phase transformation. It can only be strengthened by cold working.	奥氏体不锈钢极好的抗腐蚀能力和良好的易切削性，其全面的和良好的综合性能,在各行各业中被广泛应用。 Austenitic stainless steel has excellent corrosion resistance and good machinability, and its comprehensive and good comprehensive properties are widely used in all walks of life.
马氏体不锈钢 *Martensitic stainless steel*	马氏体不锈钢是指在常温下具有马氏体组织的不锈钢。马氏体不锈钢具有弱无磁性，马氏体不锈钢是一种可以通过热处理（淬火、回火）对其性能进行调整的不锈。 Martensitic stainless steel refers to stainless steel that has an martensitic structure at room temperature. Martensitic stainless steel is weak and non-magnetic. Martensitic stainless steel is a kind of stainless steel whose properties can be adjusted by heat treatment (quenching and tempering).	马氏体不锈钢良好的抗腐蚀能力，主要用于有防腐蚀及需要零件热处理要求的场合。 Martensitic stainless steel has good corrosion resistance and is mainly used in applications where corrosion protection and heat treatment of parts are required.

塑料材料
Plastic Materials



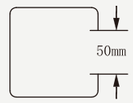
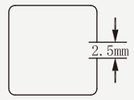
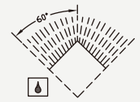
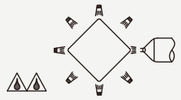
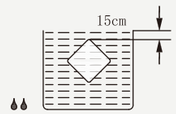
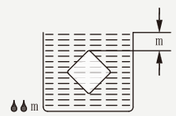
材料名称 Material brand no.	材料特性 Material Characteristics
结晶性塑料 *Crystalline Plastics*	有明显熔点(Tm)，固体时分子呈规则排列，强度较强，拉力也较强。熔解时比容积变化大，固化后较易收缩，内应力不易释放出来，成品不透明，成形中散热慢，冷模生产之日后收缩较大，热模生产之日后收缩较小。 Crystalline plastic have a clear melting point (Tm), and when they are in a solid state, the molecules are arranged regularly, with strong strength and strong tensile force. The specific volume changes greatly during melting, it is easier to shrink after solidification, the internal stress is not easy to release, the finished product is opaque, the heat dissipation is slow during forming, the shrinkage is larger after the production of cold molds, and the shrinkage is smaller after the production of hot molds.
非结晶性塑料 *Noncrystalline Plastics*	无明显熔点，固体时分子呈不规则排列，熔解时比容积变化不大，固化后不易收缩，成品透明性佳，料温越高色泽越黄，成形中散热快。 Noncrystalline plastic has no obvious melting point. When the state is solid, the molecules are arranged irregularly. The specific volume changes little when melted. It is not easy to shrink after solidification. The finished product has good transparency. The higher the material temperature, the yellower the color and the faster the heat dissipation during forming.

塑料材料
Plastic Materials

结晶性塑料与非结晶性塑料性能差异 Performance difference between

物性 *Physical Properties*		结晶性 *Crystallinity*	非结晶性 *non-crystallinity*
比重	Specific Gravity	较高 Higher	较低 Lower
拉伸强度	Tensile Strength	较高 Higher	较低 Lower
拉伸模数	Tensile Modulus	较高 Higher	较低 Lower
延展性或伸长率	Tensile Elongation	较低 Lower	较高 Higher
耐冲击性	Impact Resistance	较低 Lower	较高 Higher
最高使用温度	The Maximun Temperature	较高 Higher	较低 Lower
收缩率及翘曲	Shrinkage and Tlexural	较高 Higher	较低 Lower
流动性	Mobility	较高 Higher	较低 Lower
耐化学性	Chemical Resistance	较高 Higher	较低 Lower
耐磨耗性	Wear Resistance	较高 Higher	较低 Lower
抗蠕变性	Creep	较高 Higher	较低 Lower
硬度	Hardness	较高 Higher	较低 Lower
透明度	Transparency	较低 Lower	较高 Higher
添加玻纤增强效果	Glass-fiber Reinforced	较高 Higher	较低 Lower
尺寸安定性	Dimensional Stability	较差 Worse	较佳 Better
着色性	Colorability	较难 Harder	较易 Easier
耐热性	Heat Resistance	较高 Higher	较低 Lower

IP防护等级
IP Protection Classification

第一位数码(防止固体异物进入) First digit(Prevent solid foreight matter from enetering)			第二位数码(防止进水造成有害影响) Second digit(To preveng water)		
IP	要求 Require	示例 Example	IP	要求 Require	示例 Example
0	无防护 No protection against water		0	无防护 No protection against water	无防护 No protection against water
1	直径50mm 以上的球形物体不得完全进入，手掌手背不得触及危险部件。 Protection against contact with any large area by hand and against large solid foreign bodies with Ø>50mm.		1	防止垂直下滴水，允许少量水进入。 Protection against vertical water drips.	
2	直径12.5mm 以上的球形物体不得完全进入，手指不得触及危险部件。 Protection against contact with the fingers Protection against solid Foreign bodieswith Ø>12.5mm.		2	防止当外壳在15° 范围内倾斜时垂直下滴水，允许少量水进入。 Protection against water Drips (up to a 15° angle).	
3	直径2.5mm 以上的工具和球形物体不得进入，如螺丝刀。 Protection against tools wires or similar objects with Ø>2.5mm, protection against smail foreign solid bodies with Ø2.5mm.		3	防止与垂直面成60° 范围内的淋水，允许少量水进入。 Protection against diagonal water drips(up to a 60°angle).	
4	直径1mm 以上的工具和球形物体不得进入，如金属丝。 Protection against grain-shaped foreign bodies.		4	防止任何方向内的溅水，允许少量水进入。 Protection against Splashed water from all directions.	
5	允许有限的灰尘掉入(没有有害沉淀)。 Full protection against contact. Protection Against interior injurious dust deposits.		5	防止喷水，允许少量水进入。 Protection against water (out of a nozzle)From all directions.	
6	完全防止灰尘进入。 Total protectiuon against contact. Protection against penetration of dust.		6	防止强烈喷水，允许少量水进入。 Protection against strong water (out of a nozzle) from all directions.	
			7	防止在15mm-1m深的短时浸水。 Protected against temporary immersion.	
			8	防止在15mm-1m深的长时浸水。 Protected against water pressure.	

IEC60664-1 技术信息
IEC60664-1 Technical information

污染等级分类 Pollution degree

微观环境决定污染对绝缘的影响。然而在考虑微观环境时必须注意到宏观环境，有效地使用封闭式外壳等措施可减少对绝缘的污染，但这些减少污染的措施对设备凝露或正常运行中其本身产的污染可能无效。
The micro-environment determines the effect of pollution on the insulation. The macro-environment, however, has to be taken into account when considering the micro-environment. Means may be provided to reduce pollution at the insulation under consideration by effective use of enclosures, encapsulation or hermetic sealing. Such means to reduce pollution may not be effective when the equipment is subject to condensation or if, in normal operation, it generates pollutants itself.

在潮湿的情况下污染物（水、油烟、金属尘埃、碳尘埃）将会变为导电性污染。
Pollution will become conductive in the presence of humidity. Pollution caused by contaminated water, soot, metal or carbon dust is inherently conductive.

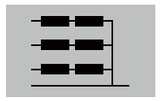
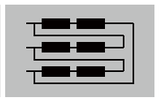
在特定的情况下电离气体或金属沉积物同样会引起导电性污染。
Conductive pollution by ionized gasses and metallic deposits occurs only on specific instances.

污染等级 I Pollution degree 1	无污染或仅有干燥的、非导电性的污染，该污染没有任何影响。 如计算机和测量仪器室等干净、干燥的房间。 No pollution or only dry, non-conductive pollution occurs , this pollution has no influence. For example, clean, dry rooms, such as computer and measuring instrument rooms.
污染等级 II Pollution degree 2	一般仅有非导电性污染，然而必须预期到凝露会偶然发生短暂的导电性污染。 如住宅、销售和其他商业场所，精密工程车间、实验室、测试室、医疗用途的房间。 Generally, only non-conductive pollution occurs except that occasionally a temporary conductivity caused by condensation is to be excepted. Such as in residential, sales and other business premises, precision engineering workshops, laboratories, testing bays and rooms for medical purposes.
污染等级III Pollution degree 3	有导电性污染或由预期的凝露使干燥的非导电性污染变为导电性污染。 如用于工业、商业和农业处所、未加热的储藏室、车间或锅炉房，安装在机床设备上的电气设施。 Conductive pollution occurs or dry non-conductive pollution occurs which becomes conductive due to condensation which is to be expected. Such as electrical facilities used in industrial, commercial and agricultural places, unheated storage rooms, workshops or boiler rooms, installed on machine tool equipment.
污染等级IV Pollution degree 4	造成持久的导电性污染，例如由于导电尘埃或雨或其它潮湿条件所引起的污染。 如在室外或外部区域，安装在机车或有轨电车车顶上的设备。 Continuous conductivity occurs due to conductive dust, rain or other wet conditions. Such as in outdoor or exterior areas such as equipment mounted on the roofs of locomotives or tramcars.

IEC60664-1 技术信息
IEC60664-1 Technical information

不同过电压控制方式的电源系统的标称电压 Nominal voltage of power system with different overvoltage control methods

表1. 内在控制或相当的保护控制 Internal control or equivalent protective control

从交流或直流标称电压导出线对中性点电压[1]（小于或等于）单位:V Voltage line to-neutral derived from nominal voltages A.C. or D.C. (up to and including) Unit: V	世界上目前使用的标称电压 Nominal voltage presently used in the world				设备额定冲击电压[1]/ V Rated impulse voltage for equipment			
	三相四线系统中性点接地 单位:V Three-phase 4-wire systems with earthed neutral Unit: V	三相三线系统不接地 单位:V Three-phase 3-wire systems earthed or unearthed Unit: V	单相二线系统交流或直流 单位:V Single-phase 2-wire systems A.C. or D.C. Unit: V	单相三线系统交流或直流 单位:V Single-phase 3-wire systems A.C. or D.C. Unit: V	过电压类别 单位:V Overvoltage category Unit: V			
					I	II	III	IV
50			12.5，24，25，30，42，48	30～60	330	500	800	1500
100	66/115	66	60		500	800	1500	2500
150	120/208*，127/220	115，120，127	100**，110，120	100～200**，110～220，120～240	800	1500	2500	4000
300	220/380，230/400，240/415，260/440，277/480	200**，220，230，240，260，277，347，380，400，415，440，480	220	220～440	1500	2500	4000	6000
600	347/600，380/660，400/690，417/720，480/830	500，577，600	480	480～960	2500	4000	6000	8000
1000		660，690，720，830，1000	1000		4000	6000	8000	12000

·美国和加拿大实施 **日本实施 ·Ractice in the U.S.A and in Canada **Practice in Japan

过电压类别 I 的设备是连接至具有限制瞬时过电压至相当低水平措施的电路设备，这些措施应确保能够充分限制所产生的暂时过电压。
如：保护电子线路达到此水平的设备 。
Equipment of overvoltage category I is connected to circuit equipment with measures to limit instantaneous overvoltage to a relatively low level, these measures should be sufficiently restricted to ensure that the generated temporary overvoltage.
Such as: a equipment that protects electronic circuits up to this level.

过电压类别 II 的设备是固定式配电装置供电的耗能设备。
如：器具、可移动工具及其它家用和类似用途负载。
Equipment of overvoltage category II is energy-consuming equipment supplied by fixed power distribution devices.
Such as: appliances, movable tools and other household and similar loads.

过电压类别III的设备是固定式配电装置中的设备，以及设备的可靠性和适用性必需符合特殊要求。
如：安装在固定式配电装置中的开关电器和永久连接至固定式配电装置的工业用设备。
Equipment of overvoltage category III is equipment in fixed power distribution devices, and the reliability and applicability of the equipment must meet special requirements.
Such as: switching appliances installed in fixed power distribution devices and industrial equipment permanently connected to fixed power distribution devices.

过电压类别IV的设备是使用在配电装置电源端的设备。
如：测量仪和前级过流保护设备。
Equipment of overvoltage category IV is the equipment used at the power supply side of the power distribution device.
Such as: measuring instrument and front-level overcurrent protection equipment.

M12 Circular introduction
Receptacles
Receptacle stranded wires
Cable overmolded
Technical guidance
Index

IEC60352-2 技术信息
IEC60352-2 Technical information

冷压连接时压接部分抗张强度 Tensile strength of crimping part during cold press connection

导线导体规格 Conductor cross-section		抗张强度 N Tensile strength N
mm^2	AWG	
0.05	30	6
0.08	28	11
0.12	26	15
0.14	/	18
0.22	24	28
0.25	/	32
0.32	22	40
0.5	20	60
0.75	/	85
0.82	18	90
1.0	/	108
1.3	16	135
1.5	/	150
2.1	14	200
2.5	/	230
3.3	12	275
4.0	/	310
5.3	10	355
6.0	/	360
8.4	8	370
10.0	/	380

索引
Index

型号 Product model	货号 Part .No	页码 Page
M12A03CWF1ZU050N00	1006050000096	110
M12A03CWF1ZV050N00	1006050000095	110
M12A03CWF2ZU050S00	1006050000090	111
M12A03CWF2ZV050S00	1006050000089	111
M12A03CWM1ZU050N00	1006050000014	114
M12A03CWM1ZU050S00	1006050000010	115
M12A03CWM1ZV050N00	1006050000013	114
M12A03CWM1ZV050S00	1006050000009	115
M12A03CZF1ZCZM1U050N00	1006050000232	119
M12A03CZF1ZCZM1U050S00	1006050000226	120
M12A03CZF1ZCZM1V050N00	1006050000231	119
M12A03CZF1ZCZM1V050S00	1006050000225	120
M12A03CZF1ZU050N00	1006050000088	108
M12A03CZF1ZV050N00	1006050000087	108
M12A03CZF2ZU050S00	1006050000082	109
M12A03CZF2ZV050S00	1006050000081	109
M12A03CZM1ZU050N00	1006050000006	112
M12A03CZM1ZU050S00	1006050000002	113
M12A03CZM1ZV050N00	1006050000005	112
M12A03CZM1ZV050S00	1006050000001	113
M12A03FBRB1SC000	1006010000197	18
M12A03FBRB1SC001	1006010000196	16
M12A03FBRB1SC002	1006010000198	20
M12A03FBRB1SC010	1006010000194	18
M12A03FBRB1SC011	1006010000007	16
M12A03FBRB1SC012	1006010000195	20
M12A03FBRB1WV005000	1006020000173	47
M12A03FBRB1WV005001	1006020000172	45
M12A03FBRB1WV005002	1006020000174	49
M12A03FBRB1WV005010	1006020000170	47
M12A03FBRB1WV005011	1006020000169	45
M12A03FBRB1WV005012	1006020000171	49
M12A03FBRB9SC000	1006010000207	6
M12A03FBRB9SC001	1006010000206	4
M12A03FBRB9SC002	1006010000208	8
M12A03FBRB9SC010	1006010000204	6
M12A03FBRB9SC011	1006010000008	4
M12A03FBRB9SC012	1006010000205	8
M12A03FBRB9WV005000	1006020000185	35
M12A03FBRB9WV005001	1006020000184	33
M12A03FBRB9WV005002	1006020000186	37
M12A03FBRB9WV005010	1006020000182	35
M12A03FBRB9WV005011	1006020000181	33
M12A03FBRB9WV005012	1006020000183	37
M12A03FBRF1SC000	1006010000191	19
M12A03FBRF1SC001	1006010000190	17
M12A03FBRF1SC002	1006010000193	21
M12A03FBRF1SC010	1006010000189	19
M12A03FBRF1SC011	1006010000010	17
M12A03FBRF1SC012	1006010000192	21
M12A03FBRF1WV005000	1006020000179	48
M12A03FBRF1WV005001	1006020000178	46
M12A03FBRF1WV005002	1006020000180	50
M12A03FBRF1WV005010	1006020000176	48
M12A03FBRF1WV005011	1006020000175	46
M12A03FBRF1WV005012	1006020000177	50
M12A03FBRF9SC000	1006010000202	7
M12A03FBRF9SC001	1006010000201	5
M12A03FBRF9SC002	1006010000203	9
M12A03FBRF9SC010	1006010000199	7
M12A03FBRF9SC011	1006010000011	5
M12A03FBRF9SC012	1006010000200	9
M12A03FBRF9WV005000	1006020000191	36
M12A03FBRF9WV005001	1006020000187	34
M12A03FBRF9WV005002	1006020000192	38
M12A03FBRF9WV005010	1006020000188	36

型号 Product model	货号 Part .No	页码 Page
M12A03FBRF9WV005011	1006020000187	34
M12A03FBRF9WV005012	1006020000189	38
M12A03MBRB1SC000	1006010000107	24
M12A03MBRB1SC001	1006010000106	22
M12A03MBRB1SC002	1006010000328	26
M12A03MBRB1SC010	1006010000105	24
M12A03MBRB1SC011	1006010000014	22
M12A03MBRB1SC012	1006010000327	26
M12A03MBRB1WV005000	1006020000077	53
M12A03MBRB1WV005001	1006020000076	51
M12A03MBRB1WV005002	1006020000078	55
M12A03MBRB1WV005010	1006020000074	53
M12A03MBRB1WV005011	1006020000073	51
M12A03MBRB1WV005012	1006020000075	55
M12A03MBRB9SC000	1006010000113	12
M12A03MBRB9SC001	1006010000112	10
M12A03MBRB9SC002	1006010000322	14
M12A03MBRB9SC010	1006010000111	12
M12A03MBRB9SC011	1006010000015	10
M12A03MBRB9SC012	1006010000321	14
M12A03MBRB9WV005000	1006020000089	41
M12A03MBRB9WV005001	1006020000088	39
M12A03MBRB9WV005002	1006020000090	43
M12A03MBRB9WV005010	1006020000086	41
M12A03MBRB9WV005011	1006020000085	39
M12A03MBRB9WV005012	1006020000087	43
M12A03MBRF1SC000	1006010000110	25
M12A03MBRF1SC001	1006010000109	23
M12A03MBRF1SC002	1006010000326	27
M12A03MBRF1SC010	1006010000108	25
M12A03MBRF1SC011	1006010000018	23
M12A03MBRF1SC012	1006010000325	27
M12A03MBRF1WV005000	1006020000083	54
M12A03MBRF1WV005001	1006020000082	52
M12A03MBRF1WV005002	1006020000084	56
M12A03MBRF1WV005010	1006020000080	54
M12A03MBRF1WV005011	1006020000079	52
M12A03MBRF1WV005012	1006020000081	56
M12A03MBRF9SC000	1006010000116	13
M12A03MBRF9SC001	1006010000115	11
M12A03MBRF9SC002	1006010000324	15
M12A03MBRF9SC010	1006010000114	13
M12A03MBRF9SC011	1006010000019	11
M12A03MBRF9SC012	1006010000323	15
M12A03MBRF9WV005000	1006020000095	42
M12A03MBRF9WV005001	1006020000094	40
M12A03MBRF9WV005002	1006020000096	44
M12A03MBRF9WV005010	1006020000092	42
M12A03MBRF9WV005011	1006020000091	40
M12A03MBRF9WV005012	1006020000093	44
M12A04CWF1ZU050N00	1006050000112	110
M12A04CWF1ZV050N00	1006050000111	110
M12A04CWF2ZU050S00	1006050000106	111
M12A04CWF2ZV050S00	1006050000105	111
M12A04CWM1ZU050N00	1006050000030	114
M12A04CWM1ZU050S00	1006050000026	115
M12A04CWM1ZV050N00	1006050000029	114
M12A04CWM1ZV050S00	1006050000025	115
M12A04CZF1ZCZM1U050N00	1006050000234	119
M12A04CZF1ZCZM1U050S00	1006050000228	120
M12A04CZF1ZCZM1V050N00	1006050000233	119
M12A04CZF1ZCZM1V050S00	1006050000227	120
M12A04CZF1ZU050N00	1006050000104	108
M12A04CZF1ZV050N00	1006050000103	108
M12A04CZF2ZU050S00	1006050000098	109
M12A04CZF2ZV050S00	1006050000097	109

索引
Index

型号 Product model	货号 Part .No	页码 Page
M12A04CZM1ZU050N00	1006050000022	112
M12A04CZM1ZU050S00	1006050000018	113
M12A04CZM1ZV050N00	1006050000021	112
M12A04CZM1ZV050S00	1006050000017	113
M12A04FBRB1SC000	1006010000217	18
M12A04FBRB1SC001	1006010000216	16
M12A04FBRB1SC002	1006010000218	20
M12A04FBRB1SC010	1006010000214	18
M12A04FBRB1SC011	1006010000021	16
M12A04FBRB1SC012	1006010000215	20
M12A04FBRB1WV005000	1006020000197	47
M12A04FBRB1WV005001	1006020000196	45
M12A04FBRB1WV005002	1006020000198	49
M12A04FBRB1WV005010	1006020000194	47
M12A04FBRB1WV005011	1006020000193	45
M12A04FBRB1WV005012	1006020000195	49
M12A04FBRB9SC000	1006010000227	6
M12A04FBRB9SC001	1006010000226	4
M12A04FBRB9SC002	1006010000228	8
M12A04FBRB9SC010	1006010000224	6
M12A04FBRB9SC011	1006010000022	4
M12A04FBRB9SC012	1006010000225	8
M12A04FBRB9WV005000	1006020000209	35
M12A04FBRB9WV005001	1006020000208	33
M12A04FBRB9WV005002	1006020000210	37
M12A04FBRB9WV005010	1006020000206	35
M12A04FBRB9WV005011	1006020000205	33
M12A04FBRB9WV005012	1006020000207	37
M12A04FBRF1SC000	1006010000212	19
M12A04FBRF1SC001	1006010000211	17
M12A04FBRF1SC002	1006010000213	21
M12A04FBRF1SC010	1006010000209	19
M12A04FBRF1SC011	1006010000025	17
M12A04FBRF1SC012	1006010000210	21
M12A04FBRF1WV005000	1006020000203	48
M12A04FBRF1WV005001	1006020000202	46
M12A04FBRF1WV005002	1006020000204	50
M12A04FBRF1WV005010	1006020000200	48
M12A04FBRF1WV005011	1006020000199	46
M12A04FBRF1WV005012	1006020000201	50
M12A04FBRF9SC000	1006010000222	7
M12A04FBRF9SC001	1006010000221	5
M12A04FBRF9SC002	1006010000223	9
M12A04FBRF9SC010	1006010000219	7
M12A04FBRF9SC011	1006010000026	5
M12A04FBRF9SC012	1006010000220	9
M12A04FBRF9WV005000	1006020000215	36
M12A04FBRF9WV005001	1006020000211	34
M12A04FBRF9WV005002	1006020000216	38
M12A04FBRF9WV005010	1006020000212	36
M12A04FBRF9WV005011	1006020000211	34
M12A04FBRF9WV005012	1006020000213	38
M12A04MBRB1SC000	1006010000122	24
M12A04MBRB1SC001	1006010000121	22
M12A04MBRB1SC002	1006010000314	26
M12A04MBRB1SC010	1006010000120	24
M12A04MBRB1SC011	1006010000028	22
M12A04MBRB1SC012	1006010000313	26
M12A04MBRB1WV005000	1006020000101	53
M12A04MBRB1WV005001	1006020000100	51
M12A04MBRB1WV005002	1006020000102	55
M12A04MBRB1WV005010	1006020000098	53
M12A04MBRB1WV005011	1006020000097	51
M12A04MBRB1WV005012	1006020000099	55
M12A04MBRB9SC000	1006010000128	12
M12A04MBRB9SC001	1006010000127	10

型号 Product model	货号 Part .No	页码 Page
M12A04MBRB9SC002	1006010000318	14
M12A04MBRB9SC010	1006010000126	12
M12A04MBRB9SC011	1006010000029	10
M12A04MBRB9SC012	1006010000317	14
M12A04MBRB9WV005000	1006020000113	41
M12A04MBRB9WV005001	1006020000112	39
M12A04MBRB9WV005002	1006020000114	43
M12A04MBRB9WV005010	1006020000110	41
M12A04MBRB9WV005011	1006020000109	39
M12A04MBRB9WV005012	1006020000111	43
M12A04MBRF1SC000	1006010000119	25
M12A04MBRF1SC001	1006010000118	23
M12A04MBRF1SC002	1006010000316	27
M12A04MBRF1SC010	1006010000117	25
M12A04MBRF1SC011	1006010000032	23
M12A04MBRF1SC012	1006010000315	27
M12A04MBRF1WV005000	1006020000107	54
M12A04MBRF1WV005001	1006020000106	52
M12A04MBRF1WV005002	1006020000108	56
M12A04MBRF1WV005010	1006020000104	54
M12A04MBRF1WV005011	1006020000103	52
M12A04MBRF1WV005012	1006020000105	56
M12A04MBRF9SC000	1006010000125	13
M12A04MBRF9SC001	1006010000124	11
M12A04MBRF9SC002	1006010000320	15
M12A04MBRF9SC010	1006010000123	13
M12A04MBRF9SC011	1006010000033	11
M12A04MBRF9SC012	1006010000319	15
M12A04MBRF9WV005000	1006020000119	42
M12A04MBRF9WV005001	1006020000118	40
M12A04MBRF9WV005002	1006020000120	44
M12A04MBRF9WV005010	1006020000116	42
M12A04MBRF9WV005011	1006020000115	40
M12A04MBRF9WV005012	1006020000117	44
M12A05CWF1ZU050N00	1006050000128	110
M12A05CWF1ZV050N00	1006050000127	110
M12A05CWF2ZU050S00	1006050000122	111
M12A05CWF2ZV050S00	1006050000121	111
M12A05CWM1ZU050N00	1006050000046	114
M12A05CWM1ZU050S00	1006050000042	115
M12A05CWM1ZV050N00	1006050000045	114
M12A05CWM1ZV050S00	1006050000041	115
M12A05CZF1ZCZM1U050N00	1006050000236	119
M12A05CZF1ZCZM1U050S00	1006050000230	120
M12A05CZF1ZCZM1V050N00	1006050000235	119
M12A05CZF1ZCZM1V050S00	1006050000229	120
M12A05CZF1ZU050N00	1006050000120	108
M12A05CZF1ZV050N00	1006050000119	108
M12A05CZF2ZU050S00	1006050000114	109
M12A05CZF2ZV050S00	1006050000113	109
M12A05CZM1ZU050N00	1006050000038	112
M12A05CZM1ZU050S00	1006050000034	113
M12A05CZM1ZV050N00	1006050000037	112
M12A05CZM1ZV050S00	1006050000033	113
M12A05FBRB1SC000	1006010000237	18
M12A05FBRB1SC001	1006010000236	16
M12A05FBRB1SC002	1006010000238	20
M12A05FBRB1SC010	1006010000234	18
M12A05FBRB1SC011	1006010000035	16
M12A05FBRB1SC012	1006010000235	20
M12A05FBRB1WV005000	1006020000221	47
M12A05FBRB1WV005001	1006020000220	45
M12A05FBRB1WV005002	1006020000222	49
M12A05FBRB1WV005010	1006020000218	47
M12A05FBRB1WV005011	1006020000217	45
M12A05FBRB1WV005012	1006020000219	49

索引
Index

型号 Product model	货号 Part .No	页码 Page
M12A05FBRB9SC000	1006010000247	6
M12A05FBRB9SC001	1006010000246	4
M12A05FBRB9SC002	1006010000248	8
M12A05FBRB9SC010	1006010000244	6
M12A05FBRB9SC011	1006010000036	4
M12A05FBRB9SC012	1006010000245	8
M12A05FBRB9WV005000	1006020000233	35
M12A05FBRB9WV005001	1006020000232	33
M12A05FBRB9WV005002	1006020000234	37
M12A05FBRB9WV005010	1006020000230	35
M12A05FBRB9WV005011	1006020000229	33
M12A05FBRB9WV005012	1006020000231	37
M12A05FBRF1SC000	1006010000232	19
M12A05FBRF1SC001	1006010000231	17
M12A05FBRF1SC002	1006010000233	21
M12A05FBRF1SC010	1006010000229	19
M12A05FBRF1SC011	1006010000039	17
M12A05FBRF1SC012	1006010000230	21
M12A05FBRF1WV005000	1006020000227	48
M12A05FBRF1WV005001	1006020000226	46
M12A05FBRF1WV005002	1006020000228	50
M12A05FBRF1WV005010	1006020000224	48
M12A05FBRF1WV005011	1006020000223	46
M12A05FBRF1WV005012	1006020000225	50
M12A05FBRF9SC000	1006010000242	7
M12A05FBRF9SC001	1006010000241	5
M12A05FBRF9SC002	1006010000243	9
M12A05FBRF9SC010	1006010000239	7
M12A05FBRF9SC011	1006010000040	5
M12A05FBRF9SC012	1006010000240	9
M12A05FBRF9WV005000	1006020000239	36
M12A05FBRF9WV005001	1006020000235	34
M12A05FBRF9WV005002	1006020000240	38
M12A05FBRF9WV005010	1006020000236	36
M12A05FBRF9WV005011	1006020000235	34
M12A05FBRF9WV005012	1006020000237	38
M12A05MBRB1SC000	1006010000134	24
M12A05MBRB1SC001	1006010000133	22
M12A05MBRB1SC002	1006010000290	26
M12A05MBRB1SC010	1006010000132	24
M12A05MBRB1SC011	1006010000042	22
M12A05MBRB1SC012	1006010000289	26
M12A05MBRB1WV005000	1006020000005	53
M12A05MBRB1WV005001	1006020000004	51
M12A05MBRB1WV005002	1006020000006	55
M12A05MBRB1WV005010	1006020000002	53
M12A05MBRB1WV005011	1006020000001	51
M12A05MBRB1WV005012	1006020000003	55
M12A05MBRB9SC000	1006010000140	12
M12A05MBRB9SC001	1006010000139	10
M12A05MBRB9SC002	1006010000294	14
M12A05MBRB9SC010	1006010000138	12
M12A05MBRB9SC011	1006010000043	10
M12A05MBRB9SC012	1006010000293	14
M12A05MBRB9WV005000	1006020000017	41
M12A05MBRB9WV005001	1006020000016	39
M12A05MBRB9WV005002	1006020000018	43
M12A05MBRB9WV005010	1006020000014	41
M12A05MBRB9WV005011	1006020000013	39
M12A05MBRB9WV005012	1006020000015	43
M12A05MBRF1SC000	1006010000131	25
M12A05MBRF1SC001	1006010000130	23
M12A05MBRF1SC002	1006010000292	27
M12A05MBRF1SC010	1006010000129	25
M12A05MBRF1SC011	1006010000046	23
M12A05MBRF1SC012	1006010000291	27

型号 Product model	货号 Part .No	页码 Page
M12A05MBRF1WV005000	1006020000011	54
M12A05MBRF1WV005001	1006020000010	52
M12A05MBRF1WV005002	1006020000012	56
M12A05MBRF1WV005010	1006020000008	54
M12A05MBRF1WV005011	1006020000007	52
M12A05MBRF1WV005012	1006020000009	56
M12A05MBRF9SC000	1006010000137	13
M12A05MBRF9SC001	1006010000136	11
M12A05MBRF9SC002	1006010000296	15
M12A05MBRF9SC010	1006010000135	13
M12A05MBRF9SC011	1006010000047	11
M12A05MBRF9SC012	1006010000295	15
M12A05MBRF9WV005000	1006020000023	42
M12A05MBRF9WV005001	1006020000022	40
M12A05MBRF9WV005002	1006020000024	44
M12A05MBRF9WV005010	1006020000020	42
M12A05MBRF9WV005011	1006020000019	40
M12A05MBRF9WV005012	1006020000021	44
M12A08CWF1ZU050N00	1006050000144	110
M12A08CWF1ZV050N00	1006050000143	110
M12A08CWF2ZU050S00	1006050000138	111
M12A08CWF2ZV050S00	1006050000137	111
M12A08CWM1ZU050N00	1006050000062	114
M12A08CWM1ZU050S00	1006050000058	115
M12A08CWM1ZV050N00	1006050000061	114
M12A08CWM1ZV050S00	1006050000057	115
M12A08CZF1ZU050N00	1006050000136	108
M12A08CZF1ZV050N00	1006050000135	108
M12A08CZF2ZU050S00	1006050000130	109
M12A08CZF2ZV050S00	1006050000129	109
M12A08CZM1ZU050N00	1006050000054	112
M12A08CZM1ZU050S00	1006050000050	113
M12A08CZM1ZV050N00	1006050000053	112
M12A08CZM1ZV050S00	1006050000049	113
M12A08FBRB1SC000	1006010000257	18
M12A08FBRB1SC001	1006010000256	16
M12A08FBRB1SC002	1006010000258	20
M12A08FBRB1SC010	1006010000254	18
M12A08FBRB1SC011	1006010000063	16
M12A08FBRB1SC012	1006010000255	20
M12A08FBRB1WV005000	1006020000269	47
M12A08FBRB1WV005001	1006020000268	45
M12A08FBRB1WV005002	1006020000270	49
M12A08FBRB1WV005010	1006020000266	47
M12A08FBRB1WV005011	1006020000265	45
M12A08FBRB1WV005012	1006020000267	49
M12A08FBRB9SC000	1006010000267	6
M12A08FBRB9SC001	1006010000266	4
M12A08FBRB9SC002	1006010000268	8
M12A08FBRB9SC010	1006010000264	6
M12A08FBRB9SC011	1006010000064	4
M12A08FBRB9SC012	1006010000265	8
M12A08FBRB9WV005000	1006020000281	35
M12A08FBRB9WV005001	1006020000280	33
M12A08FBRB9WV005002	1006020000282	37
M12A08FBRB9WV005010	1006020000278	35
M12A08FBRB9WV005011	1006020000277	33
M12A08FBRB9WV005012	1006020000279	37
M12A08FBRF1SC000	1006010000252	19
M12A08FBRF1SC001	1006010000251	17
M12A08FBRF1SC002	1006010000253	21
M12A08FBRF1SC010	1006010000249	19
M12A08FBRF1SC011	1006010000067	17
M12A08FBRF1SC012	1006010000250	21
M12A08FBRF1WV005000	1006020000275	48
M12A08FBRF1WV005001	1006020000274	46

索引
Index

型号 Product model	货号 Part .No	页码 Page
M12A08FBRF1WV005002	1006020000276	50
M12A08FBRF1WV005010	1006020000272	48
M12A08FBRF1WV005011	1006020000271	46
M12A08FBRF1WV005012	1006020000273	50
M12A08FBRF9SC000	1006010000262	7
M12A08FBRF9SC001	1006010000261	5
M12A08FBRF9SC002	1006010000263	9
M12A08FBRF9SC010	1006010000259	7
M12A08FBRF9SC011	1006010000068	5
M12A08FBRF9SC012	1006010000260	9
M12A08FBRF9WV005000	1006020000287	36
M12A08FBRF9WV005001	1006020000283	34
M12A08FBRF9WV005002	1006020000288	38
M12A08FBRF9WV005010	1006020000284	36
M12A08FBRF9WV005011	1006020000283	34
M12A08FBRF9WV005012	1006020000285	38
M12A08MBRB1SC000	1006010000146	24
M12A08MBRB1SC001	1006010000145	22
M12A08MBRB1SC002	1006010000298	26
M12A08MBRB1SC010	1006010000144	24
M12A08MBRB1SC011	1006010000070	22
M12A08MBRB1SC012	1006010000297	26
M12A08MBRB1WV005000	1006020000029	53
M12A08MBRB1WV005001	1006020000028	51
M12A08MBRB1WV005002	1006020000030	55
M12A08MBRB1WV005010	1006020000026	53
M12A08MBRB1WV005011	1006020000025	51
M12A08MBRB1WV005012	1006020000027	55
M12A08MBRB9SC000	1006010000152	12
M12A08MBRB9SC001	1006010000151	10
M12A08MBRB9SC002	1006010000302	14
M12A08MBRB9SC010	1006010000150	12
M12A08MBRB9SC011	1006010000071	10
M12A08MBRB9SC012	1006010000301	14
M12A08MBRB9WV005000	1006020000041	41
M12A08MBRB9WV005001	1006020000040	39
M12A08MBRB9WV005002	1006020000042	43
M12A08MBRB9WV005010	1006020000038	41
M12A08MBRB9WV005011	1006020000037	39
M12A08MBRB9WV005012	1006020000039	43
M12A08MBRF1SC000	1006010000143	25
M12A08MBRF1SC001	1006010000142	23
M12A08MBRF1SC001	1006010000178	23
M12A08MBRF1SC002	1006010000300	27
M12A08MBRF1SC010	1006010000141	25
M12A08MBRF1SC011	1006010000074	23
M12A08MBRF1SC012	1006010000299	27
M12A08MBRF1WV005000	1006020000035	54
M12A08MBRF1WV005001	1006020000034	52
M12A08MBRF1WV005002	1006020000036	56
M12A08MBRF1WV005010	1006020000032	54
M12A08MBRF1WV005011	1006020000031	52
M12A08MBRF1WV005012	1006020000033	56
M12A08MBRF9SC000	1006010000149	13
M12A08MBRF9SC001	1006010000148	11
M12A08MBRF9SC002	1006010000304	15
M12A08MBRF9SC010	1006010000147	13
M12A08MBRF9SC011	1006010000075	11
M12A08MBRF9SC012	1006010000303	15
M12A08MBRF9WV005000	1006020000047	42
M12A08MBRF9WV005001	1006020000046	40
M12A08MBRF9WV005002	1006020000048	44
M12A08MBRF9WV005010	1006020000044	42
M12A08MBRF9WV005011	1006020000043	40
M12A08MBRF9WV005012	1006020000045	44
M12A12CWF1ZU050N00	1006050000160	110

型号 Product model	货号 Part .No	页码 Page
M12A12CWF1ZV050N00	1006050000159	110
M12A12CWF2ZU050S00	1006050000154	111
M12A12CWF2ZV050S00	1006050000153	111
M12A12CWM1ZU050N00	1006050000078	114
M12A12CWM1ZU050S00	1006050000074	115
M12A12CWM1ZV050N00	1006050000077	114
M12A12CWM1ZV050S00	1006050000073	115
M12A12CZF1ZU050N00	1006050000152	108
M12A12CZF1ZV050N00	1006050000151	108
M12A12CZF2ZU050S00	1006050000146	109
M12A12CZF2ZV050S00	1006050000145	109
M12A12CZM1ZU050N00	1006050000070	112
M12A12CZM1ZU050S00	1006050000066	113
M12A12CZM1ZV050N00	1006050000069	112
M12A12CZM1ZV050S00	1006050000065	113
M12A12FBRB1SC000	1006010000277	18
M12A12FBRB1SC001	1006010000276	16
M12A12FBRB1SC002	1006010000278	20
M12A12FBRB1SC010	1006010000274	18
M12A12FBRB1SC011	1006010000091	16
M12A12FBRB1SC012	1006010000275	20
M12A12FBRB1WV005000	1006020000317	47
M12A12FBRB1WV005001	1006020000313	45
M12A12FBRB1WV005002	1006020000318	49
M12A12FBRB1WV005010	1006020000314	47
M12A12FBRB1WV005011	1006020000313	45
M12A12FBRB1WV005012	1006020000315	49
M12A12FBRB9SC000	1006010000287	6
M12A12FBRB9SC001	1006010000286	4
M12A12FBRB9SC002	1006010000288	8
M12A12FBRB9SC010	1006010000284	6
M12A12FBRB9SC011	1006010000092	4
M12A12FBRB9SC012	1006010000285	8
M12A12FBRB9WV005000	1006020000329	35
M12A12FBRB9WV005001	1006020000328	33
M12A12FBRB9WV005002	1006020000330	37
M12A12FBRB9WV005010	1006020000326	35
M12A12FBRB9WV005011	1006020000325	33
M12A12FBRB9WV005012	1006020000327	37
M12A12FBRF1SC000	1006010000272	19
M12A12FBRF1SC001	1006010000271	17
M12A12FBRF1SC002	1006010000273	21
M12A12FBRF1SC010	1006010000269	19
M12A12FBRF1SC011	1006010000095	17
M12A12FBRF1SC012	1006010000270	21
M12A12FBRF1WV005000	1006020000323	48
M12A12FBRF1WV005001	1006020000322	46
M12A12FBRF1WV005002	1006020000324	50
M12A12FBRF1WV005010	1006020000320	48
M12A12FBRF1WV005011	1006020000319	46
M12A12FBRF1WV005012	1006020000321	50
M12A12FBRF9SC000	1006010000282	7
M12A12FBRF9SC001	1006010000281	5
M12A12FBRF9SC002	1006010000283	9
M12A12FBRF9SC010	1006010000279	7
M12A12FBRF9SC011	1006010000096	5
M12A12FBRF9SC012	1006010000280	9
M12A12FBRF9WV005000	1006020000335	36
M12A12FBRF9WV005001	1006020000331	34
M12A12FBRF9WV005002	1006020000336	38
M12A12FBRF9WV005010	1006020000332	36
M12A12FBRF9WV005011	1006020000331	34
M12A12FBRF9WV005012	1006020000333	38
M12A12MBRB1SC000	1006010000182	24
M12A12MBRB1SC001	1006010000181	22
M12A12MBRB1SC002	1006010000306	26

索引
Index

型号 Product model	货号 Part .No	页码 Page
M12A12MBRB1SC010	1006010000180	24
M12A12MBRB1SC011	1006010000098	22
M12A12MBRB1SC012	1006010000305	26
M12A12MBRB1WV005000	1006020000053	53
M12A12MBRB1WV005001	1006020000052	51
M12A12MBRB1WV005002	1006020000054	55
M12A12MBRB1WV005010	1006020000050	53
M12A12MBRB1WV005011	1006020000049	51
M12A12MBRB1WV005012	1006020000051	55
M12A12MBRB9SC000	1006010000188	12
M12A12MBRB9SC001	1006010000187	10
M12A12MBRB9SC002	1006010000310	14
M12A12MBRB9SC010	1006010000186	12
M12A12MBRB9SC011	1006010000099	10
M12A12MBRB9SC012	1006010000309	14
M12A12MBRB9WV005000	1006020000065	41
M12A12MBRB9WV005001	1006020000064	39
M12A12MBRB9WV005002	1006020000066	43
M12A12MBRB9WV005010	1006020000062	41
M12A12MBRB9WV005011	1006020000061	39
M12A12MBRB9WV005012	1006020000063	43
M12A12MBRF1SC000	1006010000179	25
M12A12MBRF1SC002	1006010000308	27
M12A12MBRF1SC010	1006010000177	25
M12A12MBRF1SC011	1006010000102	23
M12A12MBRF1SC012	1006010000307	27
M12A12MBRF1WV005000	1006020000059	54
M12A12MBRF1WV005001	1006020000058	52
M12A12MBRF1WV005002	1006020000060	56
M12A12MBRF1WV005010	1006020000056	54
M12A12MBRF1WV005011	1006020000055	52
M12A12MBRF1WV005012	1006020000057	56
M12A12MBRF9SC000	1006010000185	13
M12A12MBRF9SC001	1006010000184	11
M12A12MBRF9SC002	1006010000312	15
M12A12MBRF9SC010	1006010000183	13
M12A12MBRF9SC011	1006010000103	11
M12A12MBRF9SC012	1006010000311	15
M12A12MBRF9WV005000	1006020000071	42
M12A12MBRF9WV005001	1006020000070	40
M12A12MBRF9WV005002	1006020000072	44
M12A12MBRF9WV005010	1006020000068	42
M12A12MBRF9WV005011	1006020000067	40
M12A12MBRF9WV005012	1006020000069	44
M12D04MBRB1P1001	1006010000460	28
M12D04MBRB1P1011	1006010000457	28
M12K03MBRB1WV005000	1006020000604	65
M12K03MBRB1WV005001	1006020000603	63
M12K03MBRB1WV005002	1006020000605	64
M12K03MBRB1WV005010	1006020000601	65
M12K03MBRB1WV005011	1006020000600	63
M12K03MBRB1WV005012	1006020000602	64
M12K03MBRB9WV005000	1006020000622	59
M12K03MBRB9WV005001	1006020000621	57
M12K03MBRB9WV005002	1006020000623	58
M12K03MBRB9WV005010	1006020000619	59
M12K03MBRB9WV005011	1006020000618	57
M12K03MBRB9WV005012	1006020000620	58
M12K03MBRF1WV005000	1006020000640	68
M12K03MBRF1WV005001	1006020000639	66
M12K03MBRF1WV005002	1006020000641	67
M12K03MBRF1WV005010	1006020000637	68
M12K03MBRF1WV005011	1006020000636	66
M12K03MBRF1WV005012	1006020000638	67
M12K03MBRF9WV005000	1006020000658	62
M12K03MBRF9WV005001	1006020000657	60

型号 Product model	货号 Part .No	页码 Page
M12K03MBRF9WV005002	1006020000659	61
M12K03MBRF9WV005010	1006020000655	62
M12K03MBRF9WV005011	1006020000654	60
M12K03MBRF9WV005012	1006020000656	61
M12K04MBRB1WV005000	1006020000610	65
M12K04MBRB1WV005001	1006020000609	63
M12K04MBRB1WV005002	1006020000611	64
M12K04MBRB1WV005010	1006020000607	65
M12K04MBRB1WV005011	1006020000606	63
M12K04MBRB1WV005012	1006020000608	64
M12K04MBRB9WV005000	1006020000628	59
M12K04MBRB9WV005001	1006020000627	57
M12K04MBRB9WV005002	1006020000629	58
M12K04MBRB9WV005010	1006020000625	59
M12K04MBRB9WV005011	1006020000624	57
M12K04MBRB9WV005012	1006020000626	58
M12K04MBRF1WV005000	1006020000646	68
M12K04MBRF1WV005001	1006020000645	66
M12K04MBRF1WV005002	1006020000647	67
M12K04MBRF1WV005010	1006020000643	68
M12K04MBRF1WV005011	1006020000642	66
M12K04MBRF1WV005012	1006020000644	67
M12K04MBRF9WV005000	1006020000664	62
M12K04MBRF9WV005001	1006020000663	60
M12K04MBRF9WV005002	1006020000665	61
M12K04MBRF9WV005010	1006020000661	62
M12K04MBRF9WV005011	1006020000660	60
M12K04MBRF9WV005012	1006020000662	61
M12K05MBRB1WV005000	1006020000616	65
M12K05MBRB1WV005001	1006020000615	63
M12K05MBRB1WV005002	1006020000617	64
M12K05MBRB1WV005010	1006020000613	65
M12K05MBRB1WV005011	1006020000612	63
M12K05MBRB1WV005012	1006020000614	64
M12K05MBRB9WV005000	1006020000634	59
M12K05MBRB9WV005001	1006020000633	57
M12K05MBRB9WV005002	1006020000635	58
M12K05MBRB9WV005010	1006020000631	59
M12K05MBRB9WV005011	1006020000630	57
M12K05MBRB9WV005012	1006020000632	58
M12K05MBRF1WV005000	1006020000652	68
M12K05MBRF1WV005001	1006020000651	66
M12K05MBRF1WV005002	1006020000653	67
M12K05MBRF1WV005010	1006020000649	68
M12K05MBRF1WV005011	1006020000648	66
M12K05MBRF1WV005012	1006020000650	67
M12K05MBRF9WV005000	1006020000670	62
M12K05MBRF9WV005001	1006020000669	60
M12K05MBRF9WV005002	1006020000671	61
M12K05MBRF9WV005010	1006020000667	62
M12K05MBRF9WV005011	1006020000666	60
M12K05MBRF9WV005012	1006020000668	61
M12L02MBRB1WV005000	1006020000478	77
M12L02MBRB1WV005001	1006020000477	75
M12L02MBRB1WV005002	1006020000479	76
M12L02MBRB1WV005010	1006020000475	77
M12L02MBRB1WV005011	1006020000474	75
M12L02MBRB1WV005012	1006020000476	76
M12L02MBRB9WV005000	1006020000513	71
M12L02MBRB9WV005001	1006020000513	69
M12L02MBRB9WV005002	1006020000515	70
M12L02MBRB9WV005010	1006020000510	71
M12L02MBRB9WV005011	1006020000510	69
M12L02MBRB9WV005012	1006020000512	70
M12L02MBRF1WV005000	1006020000550	80
M12L02MBRF1WV005001	1006020000549	78

索引
Index

型号 Product model	货号 Part .No	页码 Page
M12L02MBRF1WV005002	1006020000551	79
M12L02MBRF1WV005010	1006020000547	80
M12L02MBRF1WV005011	1006020000546	78
M12L02MBRF1WV005012	1006020000548	79
M12L02MBRF9WV005000	1006020000586	74
M12L02MBRF9WV005001	1006020000585	72
M12L02MBRF9WV005002	1006020000587	73
M12L02MBRF9WV005010	1006020000583	74
M12L02MBRF9WV005011	1006020000582	72
M12L02MBRF9WV005012	1006020000584	73
M12L03MBRB1WV005000	1006020000484	77
M12L03MBRB1WV005001	1006020000483	75
M12L03MBRB1WV005002	1006020000485	76
M12L03MBRB1WV005010	1006020000481	77
M12L03MBRB1WV005011	1006020000480	75
M12L03MBRB1WV005012	1006020000482	76
M12L03MBRB9WV005000	1006020000519	71
M12L03MBRB9WV005001	1006020000519	69
M12L03MBRB9WV005002	1006020000521	70
M12L03MBRB9WV005010	1006020000516	71
M12L03MBRB9WV005011	1006020000516	69
M12L03MBRB9WV005012	1006020000518	70
M12L03MBRF1WV005000	1006020000556	80
M12L03MBRF1WV005001	1006020000555	78
M12L03MBRF1WV005002	1006020000557	79
M12L03MBRF1WV005010	1006020000553	80
M12L03MBRF1WV005011	1006020000552	78
M12L03MBRF1WV005012	1006020000554	79
M12L03MBRF9WV005000	1006020000592	74
M12L03MBRF9WV005001	1006020000591	72
M12L03MBRF9WV005002	1006020000593	73
M12L03MBRF9WV005010	1006020000589	74
M12L03MBRF9WV005011	1006020000588	72
M12L03MBRF9WV005012	1006020000590	73
M12L04MBRB1WV005000	1006020000490	77
M12L04MBRB1WV005001	1006020000489	75
M12L04MBRB1WV005002	1006020000491	76
M12L04MBRB1WV005010	1006020000487	77
M12L04MBRB1WV005011	1006020000486	75
M12L04MBRB1WV005012	1006020000488	76
M12L04MBRB9WV005000	1006020000525	71
M12L04MBRB9WV005001	1006020000525	69
M12L04MBRB9WV005002	1006020000527	70
M12L04MBRB9WV005010	1006020000522	71
M12L04MBRB9WV005011	1006020000522	69
M12L04MBRB9WV005012	1006020000524	70
M12L04MBRF1WV005000	1006020000562	80
M12L04MBRF1WV005001	1006020000561	78
M12L04MBRF1WV005002	1006020000563	79
M12L04MBRF1WV005010	1006020000559	80
M12L04MBRF1WV005011	1006020000558	78
M12L04MBRF1WV005012	1006020000560	79
M12L04MBRF9WV005000	1006020000598	74
M12L04MBRF9WV005001	1006020000597	72
M12L04MBRF9WV005002	1006020000599	73
M12L04MBRF9WV005010	1006020000595	74
M12L04MBRF9WV005011	1006020000594	72
M12L04MBRF9WV005012	1006020000596	73
M12L2EMBRB1WV005000	1006020000460	77
M12L2EMBRB1WV005001	1006020000459	75
M12L2EMBRB1WV005002	1006020000461	76
M12L2EMBRB1WV005010	1006020000457	77
M12L2EMBRB1WV005011	1006020000456	75
M12L2EMBRB1WV005012	1006020000458	76
M12L2EMBRB9WV005000	1006020000495	71
M12L2EMBRB9WV005001	1006020000495	69

型号 Product model	货号 Part .No	页码 Page
M12L2EMBRB9WV005002	1006020000497	70
M12L2EMBRB9WV005010	1006020000492	71
M12L2EMBRB9WV005011	1006020000492	69
M12L2EMBRB9WV005012	1006020000494	70
M12L2EMBRF1WV005000	1006020000532	80
M12L2EMBRF1WV005001	1006020000531	78
M12L2EMBRF1WV005002	1006020000533	79
M12L2EMBRF1WV005010	1006020000529	80
M12L2EMBRF1WV005011	1006020000528	78
M12L2EMBRF1WV005012	1006020000530	79
M12L2EMBRF9WV005000	1006020000568	74
M12L2EMBRF9WV005001	1006020000567	72
M12L2EMBRF9WV005002	1006020000569	73
M12L2EMBRF9WV005010	1006020000565	74
M12L2EMBRF9WV005011	1006020000564	72
M12L2EMBRF9WV005012	1006020000566	73
M12L3EMBRB1WV005000	1006020000466	77
M12L3EMBRB1WV005001	1006020000465	75
M12L3EMBRB1WV005002	1006020000467	76
M12L3EMBRB1WV005010	1006020000463	77
M12L3EMBRB1WV005011	1006020000462	75
M12L3EMBRB1WV005012	1006020000464	76
M12L3EMBRB9WV005000	1006020000501	71
M12L3EMBRB9WV005001	1006020000501	69
M12L3EMBRB9WV005002	1006020000503	70
M12L3EMBRB9WV005010	1006020000498	71
M12L3EMBRB9WV005011	1006020000498	69
M12L3EMBRB9WV005012	1006020000500	70
M12L3EMBRF1WV005000	1006020000538	80
M12L3EMBRF1WV005001	1006020000537	78
M12L3EMBRF1WV005002	1006020000539	79
M12L3EMBRF1WV005010	1006020000535	80
M12L3EMBRF1WV005011	1006020000534	78
M12L3EMBRF1WV005012	1006020000536	79
M12L3EMBRF9WV005000	1006020000574	74
M12L3EMBRF9WV005001	1006020000573	72
M12L3EMBRF9WV005002	1006020000575	73
M12L3EMBRF9WV005010	1006020000571	74
M12L3EMBRF9WV005011	1006020000570	72
M12L3EMBRF9WV005012	1006020000572	73
M12L4EMBRB1WV005000	1006020000472	77
M12L4EMBRB1WV005001	1006020000471	75
M12L4EMBRB1WV005002	1006020000473	76
M12L4EMBRB1WV005010	1006020000469	77
M12L4EMBRB1WV005011	1006020000468	75
M12L4EMBRB1WV005012	1006020000470	76
M12L4EMBRB9WV005000	1006020000507	71
M12L4EMBRB9WV005001	1006020000507	69
M12L4EMBRB9WV005002	1006020000509	70
M12L4EMBRB9WV005010	1006020000504	71
M12L4EMBRB9WV005011	1006020000504	69
M12L4EMBRB9WV005012	1006020000506	70
M12L4EMBRF1WV005000	1006020000544	80
M12L4EMBRF1WV005001	1006020000543	78
M12L4EMBRF1WV005002	1006020000545	79
M12L4EMBRF1WV005010	1006020000541	80
M12L4EMBRF1WV005011	1006020000540	78
M12L4EMBRF1WV005012	1006020000542	79
M12L4EMBRF9WV005000	1006020000580	74
M12L4EMBRF9WV005001	1006020000579	72
M12L4EMBRF9WV005002	1006020000581	73
M12L4EMBRF9WV005010	1006020000577	74
M12L4EMBRF9WV005011	1006020000576	72
M12L4EMBRF9WV005012	1006020000578	73
M12S2EMBRB1WV005000	1006020000347	89
M12S2EMBRB1WV005001	1006020000346	87

索引
Index

型号 Product model	货号 Part .No	页码 Page
M12S2EMBRB1WV005002	1006020000348	88
M12S2EMBRB1WV005010	1006020000344	89
M12S2EMBRB1WV005011	1006020000343	87
M12S2EMBRB1WV005012	1006020000345	88
M12S2EMBRB9WV005000	1006020000377	83
M12S2EMBRB9WV005001	1006020000376	81
M12S2EMBRB9WV005002	1006020000378	82
M12S2EMBRB9WV005010	1006020000374	83
M12S2EMBRB9WV005011	1006020000373	81
M12S2EMBRB9WV005012	1006020000375	82
M12S2EMBRF1WV005000	1006020000347	92
M12S2EMBRF1WV005001	1006020000346	90
M12S2EMBRF1WV005002	1006020000348	91
M12S2EMBRF1WV005010	1006020000344	92
M12S2EMBRF1WV005011	1006020000343	90
M12S2EMBRF1WV005012	1006020000345	91
M12S2EMBRF9WV005000	1006020000347	86
M12S2EMBRF9WV005001	1006020000346	84
M12S2EMBRF9WV005002	1006020000348	85
M12S2EMBRF9WV005010	1006020000344	86
M12S2EMBRF9WV005011	1006020000343	84
M12S2EMBRF9WV005012	1006020000345	85
M12S3EMBRB1WV005000	1006020000341	89
M12S3EMBRB1WV005001	1006020000340	87
M12S3EMBRB1WV005002	1006020000342	88
M12S3EMBRB1WV005010	1006020000338	89
M12S3EMBRB1WV005011	1006020000337	87
M12S3EMBRB1WV005012	1006020000339	88
M12S3EMBRB9WV005000	1006020000365	83
M12S3EMBRB9WV005001	1006020000364	81
M12S3EMBRB9WV005002	1006020000366	82
M12S3EMBRB9WV005010	1006020000362	83
M12S3EMBRB9WV005011	1006020000361	81
M12S3EMBRB9WV005012	1006020000363	82
M12S3EMBRF1WV005000	1006020000359	92
M12S3EMBRF1WV005001	1006020000358	90
M12S3EMBRF1WV005002	1006020000360	91
M12S3EMBRF1WV005010	1006020000356	92
M12S3EMBRF1WV005011	1006020000355	90
M12S3EMBRF1WV005012	1006020000357	91
M12S3EMBRF9WV005000	1006020000383	86
M12S3EMBRF9WV005001	1006020000382	84
M12S3EMBRF9WV005002	1006020000384	85
M12S3EMBRF9WV005010	1006020000380	86
M12S3EMBRF9WV005011	1006020000379	84
M12S3EMBRF9WV005012	1006020000381	85
M12T02MBRB1WV005000	1006020000389	101
M12T02MBRB1WV005001	1006020000388	99
M12T02MBRB1WV005002	1006020000390	100
M12T02MBRB1WV005010	1006020000386	101
M12T02MBRB1WV005011	1006020000385	99
M12T02MBRB1WV005012	1006020000387	100
M12T02MBRB9WV005000	1006020000407	95
M12T02MBRB9WV005001	1006020000406	93
M12T02MBRB9WV005002	1006020000408	94
M12T02MBRB9WV005010	1006020000404	95
M12T02MBRB9WV005011	1006020000403	93
M12T02MBRB9WV005012	1006020000405	94
M12T02MBRF1WV005000	1006020000424	104
M12T02MBRF1WV005001	1006020000423	102
M12T02MBRF1WV005002	1006020000425	103
M12T02MBRF1WV005010	1006020000421	104
M12T02MBRF1WV005011	1006020000420	102
M12T02MBRF1WV005012	1006020000422	103
M12T02MBRF9WV005000	1006020000442	98
M12T02MBRF9WV005001	1006020000441	96

型号 Product model	货号 Part .No	页码 Page
M12T02MBRF9WV005002	1006020000443	97
M12T02MBRF9WV005010	1006020000439	98
M12T02MBRF9WV005011	1006020000438	96
M12T02MBRF9WV005012	1006020000440	97
M12T03MBRB1WV005000	1006020000395	101
M12T03MBRB1WV005001	1006020000394	99
M12T03MBRB1WV005002	1006020000396	100
M12T03MBRB1WV005010	1006020000392	101
M12T03MBRB1WV005011	1006020000391	99
M12T03MBRB1WV005012	1006020000393	100
M12T03MBRB9WV005000	1006020000413	95
M12T03MBRB9WV005001	1006020000412	93
M12T03MBRB9WV005002	1006020000414	94
M12T03MBRB9WV005010	1006020000410	95
M12T03MBRB9WV005011	1006020000409	93
M12T03MBRB9WV005012	1006020000411	94
M12T03MBRF1WV005000	1006020000430	104
M12T03MBRF1WV005001	1006020000429	102
M12T03MBRF1WV005002	1006020000431	103
M12T03MBRF1WV005010	1006020000427	104
M12T03MBRF1WV005011	1006020000426	102
M12T03MBRF1WV005012	1006020000428	103
M12T03MBRF9WV005000	1006020000448	98
M12T03MBRF9WV005001	1006020000447	96
M12T03MBRF9WV005002	1006020000449	97
M12T03MBRF9WV005010	1006020000445	98
M12T03MBRF9WV005011	1006020000444	96
M12T03MBRF9WV005012	1006020000446	97
M12T04MBRB1WV005000	1006020000401	101
M12T04MBRB1WV005001	1006020000400	99
M12T04MBRB1WV005002	1006020000402	100
M12T04MBRB1WV005010	1006020000398	101
M12T04MBRB1WV005011	1006020000397	99
M12T04MBRB1WV005012	1006020000399	100
M12T04MBRB9WV005000	1006020000672	95
M12T04MBRB9WV005001	1006020000418	93
M12T04MBRB9WV005002	1006020000419	94
M12T04MBRB9WV005010	1006020000416	95
M12T04MBRB9WV005011	1006020000415	93
M12T04MBRB9WV005012	1006020000417	94
M12T04MBRF1WV005000	1006020000436	104
M12T04MBRF1WV005001	1006020000435	102
M12T04MBRF1WV005002	1006020000437	103
M12T04MBRF1WV005010	1006020000433	104
M12T04MBRF1WV005011	1006020000432	102
M12T04MBRF1WV005012	1006020000434	103
M12T04MBRF9WV005000	1006020000454	98
M12T04MBRF9WV005001	1006020000453	96
M12T04MBRF9WV005002	1006020000455	97
M12T04MBRF9WV005010	1006020000451	98
M12T04MBRF9WV005011	1006020000450	96
M12T04MBRF9WV005012	1006020000452	97
M12X08FBRB6P1011	1006010000467	29
M12X08FBRB6P1001	1006010000464	29