



Connector Series 连接器系列：M8

Gender 类型：Male 公

Coding 编码：A, B

Locking Type 装配方式：Fix Screw 锁螺丝

Mounting Type 安装类型: Straight 直头

Part No 产品编码：M08-X\*\*-ST0-M02-BV\*-XXX

X:A, B Coding(A, B扣)

\*\*：03, 04, 05, 06, 08 (Pin数)

ST0:0=Unshielded  
非屏蔽，2=Full Shield 全屏蔽，1=Ground 接地

BV\*:BVC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆

BV\*:BVR=Cable Jacket PUR(For Molded Cable)成型式外被PUR线缆

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



目录仅供参考，实际规格依产品工程图为准 版本1.0

技术参数 Technical Data

|                            |                    |
|----------------------------|--------------------|
| 标准 Standard                | IEC61076           |
| 工作温度 Ambient Temperatur    | -25℃~+80℃          |
| 绝缘电阻 Insulation Resistance | ≥100MΩ             |
| 接触电阻 Contact Resistance    | ≤5mΩ               |
| 防护等级 IP Class              | IP67               |
| 机械寿命 Mating Endurance      | >100 Mating Cycles |

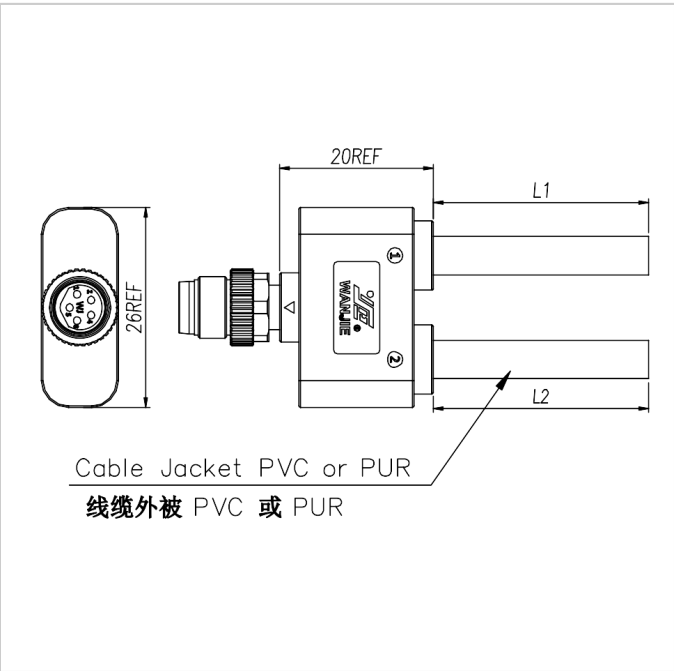
材质说明 Material Data

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

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

|                                     |         |         |
|-------------------------------------|---------|---------|
| Pin数 Contacts Pin                   | 3/4Pins | 5Pins   |
| 额定电流 Rated Current                  | 3A      | 3A      |
| 电压 Voltage AC/DC                    | 50V/60V | 30V/30V |
| 接线范围 Wire Range AWG/mm <sup>2</sup> | 24/0.25 | 24/0.25 |
| 线缆外被 Cable Jacket                   | PUR/PVC |         |

尺寸图



规格选型表 Specification Selection Table

| Contacts<br>Pin数 | Available Coding<br>防插错编码                                                                     | Rated Current<br>额定电流 | Voltage 电压 |     | Wire Range 接线范围 |                 | Cable Jacket<br>线缆外被 | Part NO.产品编号           |
|------------------|-----------------------------------------------------------------------------------------------|-----------------------|------------|-----|-----------------|-----------------|----------------------|------------------------|
|                  |                                                                                               |                       | AC         | DC  | AWG             | mm <sup>2</sup> |                      |                        |
| 03Pins           | <br>A-Coding | 3A                    | 50V        | 60V | 24              | 0.25            | PVC                  | M8-A03-ST*-M02-BVC-XXX |
|                  |                                                                                               |                       |            |     |                 |                 | PUR                  | M8-A03-ST*-M02-BVR-XXX |
| 04Pins           | <br>A-Coding | 3A                    | 50V        | 60V | 24              | 0.25            | PVC                  | M8-A04-ST*-M02-BVC-XXX |
|                  |                                                                                               |                       |            |     |                 |                 | PUR                  | M8-A04-ST*-M02-BVR-XXX |
| 05Pins           | <br>B-Coding | 3A                    | 30V        | 30V | 24              | 0.25            | PVC                  | M8-B05-ST*-M02-BVC-XXX |
|                  |                                                                                               |                       |            |     |                 |                 | PUR                  | M8-B05-ST*-M02-BVR-XXX |

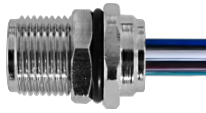
配套部件 Matching Parts



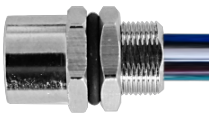
M8 母头成型式线缆，直头



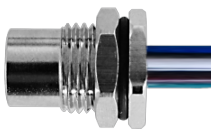
M8 母头成型式线缆，弯头



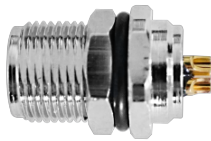
M8 母头面板式，焊接型，前锁安装，焊电子线



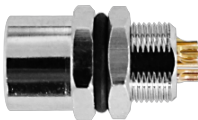
M8 母头面板式，焊接型，后锁安装，焊电子线



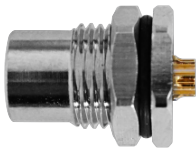
M8 母头面板式，焊接型，前锁安装，焊电子线



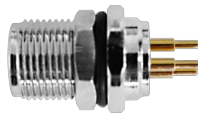
M8 母头面板式，焊接型，前锁安装



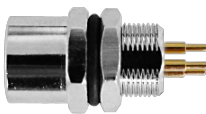
M8 母头面板式，焊接型，后锁安装



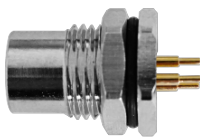
M8 母头面板式，焊接型，前锁安装



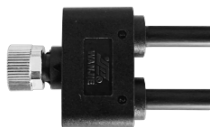
M8 母头面板式，PCB型，前锁安装



M8 母头面板式，PCB型，后锁安装



M8 母头面板式，PCB型，前锁安装



M8 母头成型式双线缆，直头



M8 Y型分配器，公-公-母



M8 Y型分配器，公-母-公