

Connector Series 连接器系列：M8

Gender 类型：Female 母

Coding 编码：A, B

Locking Type 装配方式：Fix Screw 锁螺丝

Mounting Type 安装类型: Front Fastened 前锁

Part No 产品编码：M08-X\*\*-ST0-F02-BQ3-XXX

X:A, B Coding(A, B扣)

\*\*：03, 04, 05, 06, 08 (Pin数)

BQ3:3=M10X0.75(OD3)

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                | IEC61076-2-104     |
| 工作温度 Ambient Temperatur    | -25°C~+85°C        |
| 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

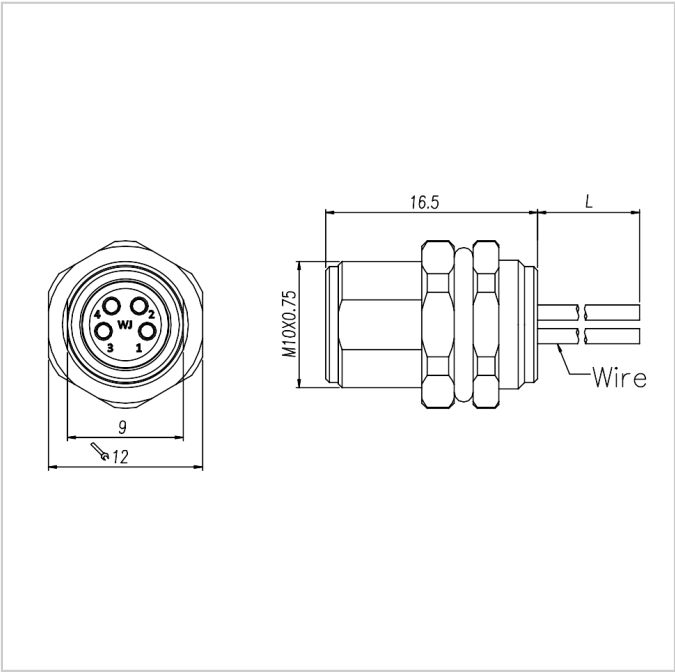
|                         |                                   |
|-------------------------|-----------------------------------|
| 胶芯材料 Connector Carriers | PA                                |
| 接触端子 Connector Contacts | Copper Alloy With Gold Plated 铜镀金 |

|                           |                                     |
|---------------------------|-------------------------------------|
| 螺母/螺丝 Connector Nut/Screw | Copper Alloy With Nickel Plated 铜镀镍 |
| 密封胶圈 Seal/O-Ring          | FKM 氟橡胶                             |
| 屏蔽 Shielding              | Unshielded 非屏蔽                      |

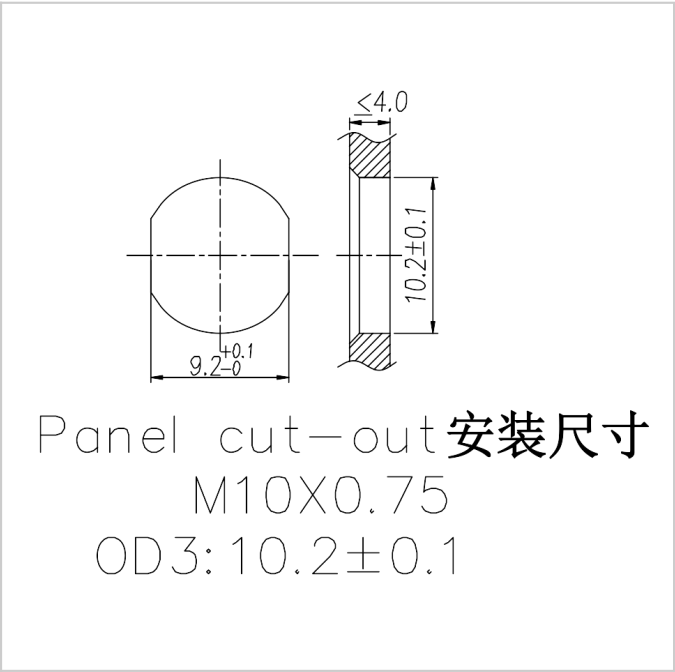
电气参数&机械参数 Electrical Data & Mechanical Data

|                                     |         |         |         |
|-------------------------------------|---------|---------|---------|
| Pin数 Contacts Pin                   | 3/4Pins | 5Pins   | 6/8Pins |
| 额定电流 Rated Current                  | 3A      | 3A      | 1.5A    |
| 电压 Voltage AC/DC                    | 50V/60V | 30V/30V | 30V/30V |
| 接线范围 Wire Range AWG/mm <sup>2</sup> | 24/0.25 | 24/0.25 | 26/0.14 |

尺寸图



PCB开孔图



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 |      | Part NO.产品编号            |
|------------------|-----------------------------------------------------------------------------------------------|-----------------------|------------|-----|-----------------|------|-------------------------|
|                  |                                                                                               |                       | AC         | DC  | AWG             | mm²  |                         |
| 03Pins           | <br>A-Coding | 3A                    | 50V        | 60V | 24              | 0.25 | M08-A03-ST0-F02-BQ3-XXX |
| 04Pins           | <br>A-Coding | 3A                    | 50V        | 60V | 24              | 0.25 | M08-A04-ST0-F02-BQ3-XXX |
| 05Pins           | <br>B-Coding | 3A                    | 30V        | 30V | 24              | 0.25 | M08-B05-ST0-F02-BQ3-XXX |
| 06Pins           | <br>A-Coding | 1.5A                  | 30V        | 30V | 26              | 0.14 | M08-A06-ST0-F02-BQ3-XXX |
| 08Pins           | <br>A-Coding | 1.5A                  | 30V        | 30V | 26              | 0.14 | M08-A08-ST0-F02-BQ3-XXX |

配套部件 Matching Parts



M8 公头成型式线缆，直头



M8 公头成型式线缆，弯头



M8 公头成型式双线缆，直头



M8 Y型分配器，公-公-母



M8 Y型分配器，公-母-公