



Connector Series 连接器系列：M8

Gender 类型：Female 母

Coding 编码：A

Locking Type 装配方式：Fix Screw 锁螺丝

Mounting Type 安装类型: Field Assemble 组装式

Part No 产品编码：M08-X\*\*-ST0-F04-PS1

X:A Coding(A扣)

\*\*：03, 04(Pin数)

PS1:1=Cable OD3.5-5.0MM



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℃~+105℃         |
| 绝缘电阻 Insulation Resistance | ≥100MΩ             |
| 接触电阻 Contact Resistance    | ≤10mΩ              |
| 防护等级 IP Class              | IP67               |
| 机械寿命 Mating Endurance      | >100 Mating Cycles |

材质说明 Material Data

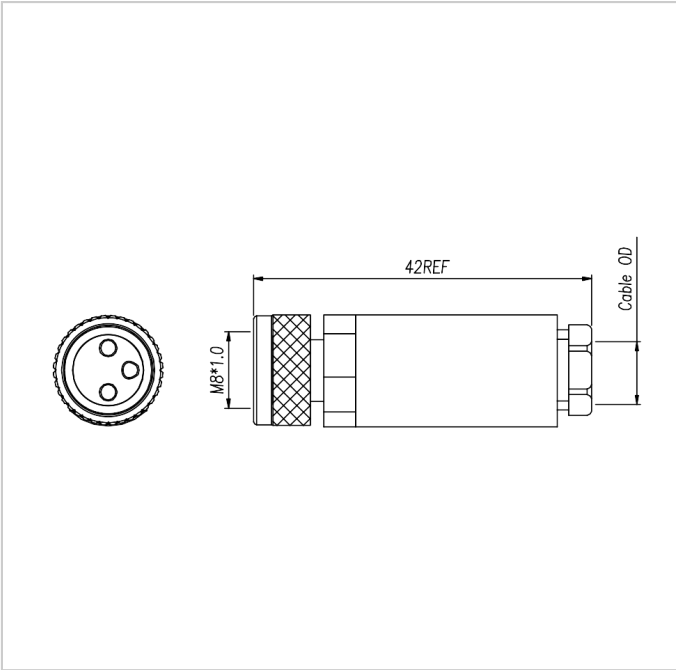
|                           |                                     |
|---------------------------|-------------------------------------|
| 胶芯材料 Connector Carriers   | Plastic 塑胶 ( PA )                   |
| 接触端子 Connector Contacts   | Copper Alloy With Gold Plated 铜镀金   |
| 螺母/螺丝 Connector Nut/Screw | 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               |
| 连接方式 Contacts Termination | Terminal Locking Screw 锁螺钉连接 |

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

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

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 |                 | Part NO.产品编号        |
|------------------|-------------------------------------------------------------------------------------------------|-----------------------|------------|-----|-----------------|-----------------|---------------------|
|                  |                                                                                                 |                       | AC         | DC  | AWG             | mm <sup>2</sup> |                     |
| 03Pins           | <br>A-Coding | 3A                    | 50V        | 60V | 24              | 0.25            | M08-A03-ST0-F04-PS1 |
| 04Pins           | <br>A-Coding | 3A                    | 50V        | 60V | 24              | 0.25            | M08-A04-ST0-F04-PS1 |