



连接器系列：M12  
类型：公  
编码：A,B,D  
装配方式：锁螺丝  
安装类型：组装式  
产品编号：M12-X\*\*-RA0-M04-PS\*  
X:A,B,D Coding(A,B,D扣)  
\*\*:03,04,05...08(Pin 数)  
\*:1=Cable OD4.0~6.0MM  
\*:2=Cable OD6.0~8.0MM...

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 |

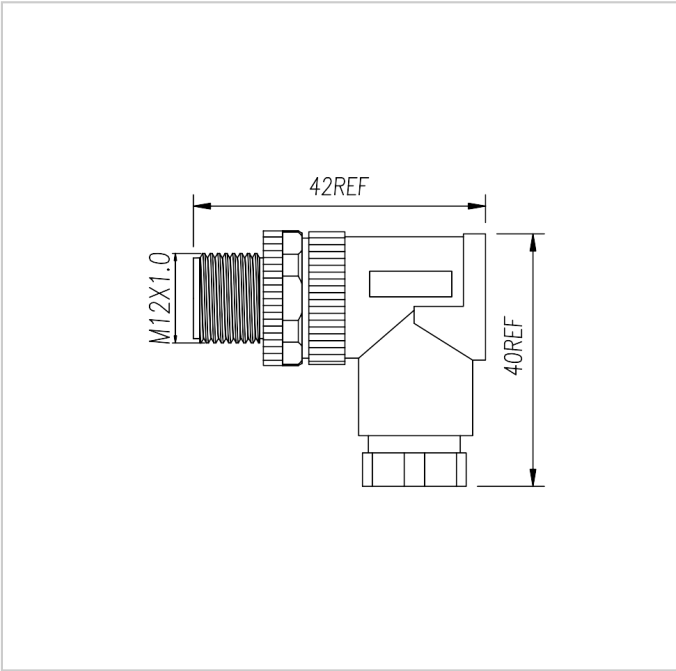
材质说明 Material Data

|                           |                                       |
|---------------------------|---------------------------------------|
| 主体材料 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 铜合金镀镍 |
| 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                   | 3/4Pins | 5Pins   | 8Pins   |
| 额定电流 Rated Current                  | 4A      | 4A      | 2A      |
| 电压 Voltage AC/DC                    | 250V    | 60V     | 30V     |
| 接线范围 Wire Range AWG/mm <sup>2</sup> | 22/0.34 | 22/0.34 | 24/0.25 |

尺寸图



规格选型表 Specification Selection Table

| Contacts<br>Pin数 | Available Coding 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                                                     |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|------------|------|-----------------|-----------------|-------------------------------------------------------------------|
|                  | A-Coding                                                                            | B-Coding                                                                            | D-Coding                                                                            |                       | AC         | DC   | AWG             | mm <sup>2</sup> |                                                                   |
| 03Pins           |  |  |                                                                                     | 4A                    | 250V       | 250V | 22              | 0.34            | M12-A03-RA0-M04-PS*<br>M12-B03-RA0-M04-PS*                        |
| 04Pins           |  |  |  | 4A                    | 250V       | 250V | 22              | 0.34            | M12-A04-RA0-M04-PS*<br>M12-B04-RA0-M04-PS*<br>M12-D04-RA0-M04-PS* |
| 05Pins           |  |  |                                                                                     | 4A                    | 60V        | 60V  | 22              | 0.34            | M12-A05-RA0-M04-PS*<br>M12-B05-RA0-M04-PS*                        |
| 08Pins           |  |                                                                                     |                                                                                     | 2A                    | 30V        | 30V  | 24              | 0.25            | M12-A08-RA0-M04-PS*                                               |