



连接器系列：M12  
类型：公  
编码：S,T,K,L,M  
装配方式：锁螺丝  
安装类型：前锁  
产品编号：M12-X\*\*-ST0-M03-BQ\*-XXX  
X:S,T,K,L,M Coding(S,T,K,L,M 扣)  
\*\*:03,04,05,06 (Pin数)  
\*:1=M16X1.5 2=PG9,...(OD\*)  
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

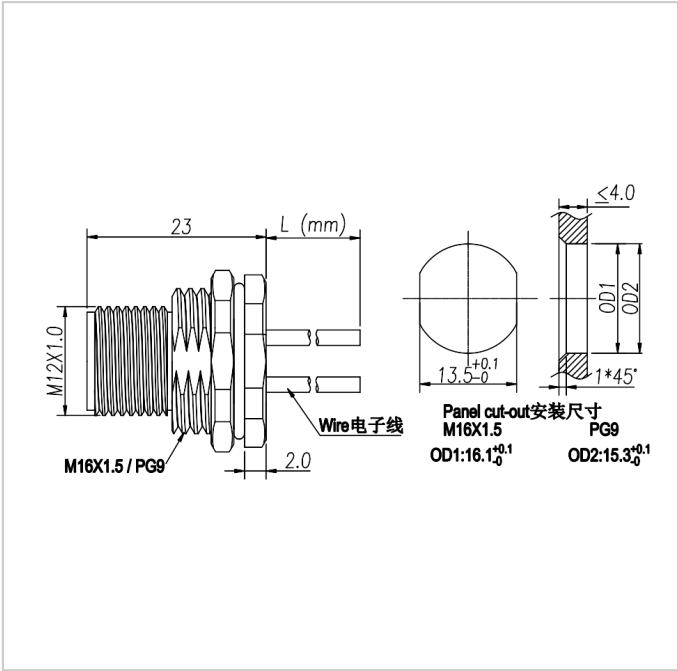
技术参数 Technical Data

|                            |                    |
|----------------------------|--------------------|
| 标准 Standard                | IEC61076-2-111     |
| 工作温度 Ambient Temperatur    | -25°C~+80°C        |
| 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   | 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 | Crimping Type 压接式                   |

尺寸图

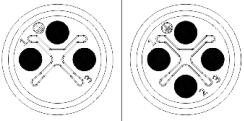
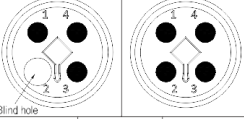
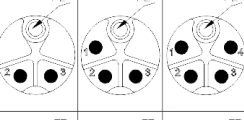
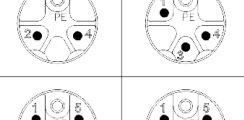
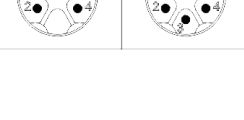


配套部件 Matching Parts



M12 母头成型式线缆，S,T,K,L,M  
Coding直头

规格选型表 Specification Selection Table

| Available Coding<br>防插错编码 | Contacts Pin 芯数                                                                    | Rated Current<br>额定电流    | Rated Voltage<br>额定电压 | Wire Range 接线范围 |                 | Part NO.产品编号                                                                                             |
|---------------------------|------------------------------------------------------------------------------------|--------------------------|-----------------------|-----------------|-----------------|----------------------------------------------------------------------------------------------------------|
|                           |                                                                                    |                          |                       | AWG             | mm <sup>2</sup> |                                                                                                          |
| S-Coding                  |   | 16A(03Pin)<br>12A(04Pin) | 630V                  | 16              | 1.5             | M12-S03-ST0-M03-BQ*-XXX<br>M12-S04-ST0-M03-BQ*-XXX                                                       |
| T-Coding                  |   | 12A                      | 63V                   | 16              | 1.5             | M12-T03-ST0-M03-BQ*-XXX<br>M12-T04-ST0-M03-BQ*-XXX                                                       |
| K-Coding                  |   | 12A                      | 630V                  | 16              | 1.5             | M12-K03-ST0-M03-BQ*-XXX<br>M12-K04-ST0-M03-BQ*-XXX<br>M12-K05-ST0-M03-BQ*-XXX                            |
| L-Coding                  |   | 16A                      | 63V                   | 16              | 1.5             | M12-L03-ST0-M03-BQ*-XXX<br>M12-L04-ST0-M03-BQ*-XXX<br>M12-L05-ST0-M03-BQ*-XXX                            |
| M-Coding                  |   | 8A                       | 630V                  | 18              | 1.0             | M12-M03-ST0-M03-BQ*-XXX<br>M12-M04-ST0-M03-BQ*-XXX<br>M12-M05-ST0-M03-BQ*-XXX<br>M12-M06-ST0-M03-BQ*-XXX |
|                           |  |                          |                       |                 |                 |                                                                                                          |