



Connector Series : M12  
Gender : Male  
Coding : S,T  
Locking Type : Fix Screw  
Mounting Type : Front Fastened  
Part No : M12-X\*\*-ST0-M03-BQ\*-XXX  
X:A,B,C,D Coding  
\*\*:03,04(Pin)  
\*:1=M16X1.5 2=PG9,...  
  
XXX:050=0.5M,100=1M,10M=10M...(Length)



For reference only!version1.0

Technical Data

|                       |                    |
|-----------------------|--------------------|
| Standard              | IEC61076-2-111     |
| Ambient Temperatur    | -25°C~+80°C        |
| Insulation Resistance | ≥100MΩ             |
| Contact Resistance    | ≤10mΩ              |
| IP Class              | IP67               |
| Mating Endurance      | >100 Mating Cycles |

Material Data

|                      |                                     |
|----------------------|-------------------------------------|
| Connector Carriers   | PA                                  |
| Connector Contacts   | Copper Alloy With Gold Plated 铜镀金   |
| Connector Nut/Screw  | Copper Alloy With Nickel Plated 铜镀镍 |
| Seal/O-Ring          | FKM 氟橡胶                             |
| Shielding            | Unshielded 非屏蔽                      |
| Contacts Termination | Crimping Type 压接式                   |

Electrical Data & Mechanical Date

M12 Male Panel Mount, S&T-Coding, Crimping Type, Front Fastened, With W

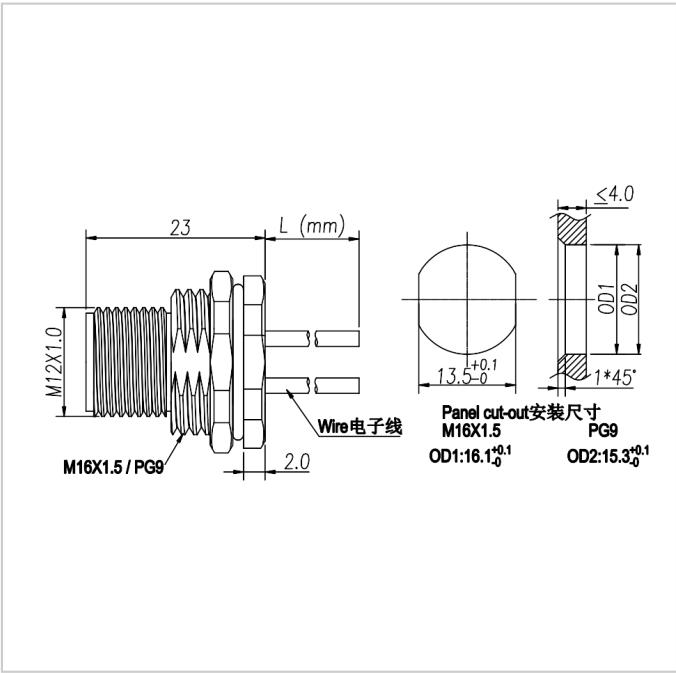
M12 Circular Connector

Download date : 2024-05-16



| Available Coding               | S-Coding                     | T-Coding |
|--------------------------------|------------------------------|----------|
| Rated Current                  | 16A(03Pin) 12A(04Pin)        | 12A      |
| Rated Voltage                  | 630V                         | 60V      |
| Wire Range AWG/mm <sup>2</sup> | 16 AWG / 1.5 mm <sup>2</sup> |          |

Dimensions



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                                      |
|---------------------------|-----------------|--------|--------------------------|-----------------------|-----------------|-----------------|----------------------------------------------------|
|                           | 03Pins          | 04Pins |                          |                       | 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                      | 60V                   | 16              | 1.5             | M12-T03-ST0-M03-BQ*-XXX<br>M12-T04-ST0-M03-BQ*-XXX |