

# M8 Female Straight Field Assemble, Terminal Locking Screw Type, Unshielded

## M8 Circular Connector

Download date : 2025-12-06



Connector Series : M8

Gender : Female

Coding : A

Locking Type : Fix Screw

Mounting Type: Field Assemble

Part No : M08-X\*\*-ST0-F04-PS1

X:A Coding

\*\* : 03, 04(Pin)

PS1:1=Cable OD3.5-5.0MM



For reference only!version1.0

### Technical Data

|                       |                    |
|-----------------------|--------------------|
| Standard              | IEC61076           |
| Ambient Temperatur    | -25℃~+105℃         |
| Insulation Resistance | ≥100MΩ             |
| Contact Resistance    | ≤10mΩ              |
| IP Class              | IP67               |
| Mating Endurance      | >100 Mating Cycles |

### Material Data

|                     |                                     |
|---------------------|-------------------------------------|
| Connector Carriers  | Plastic 塑胶 ( 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                             |

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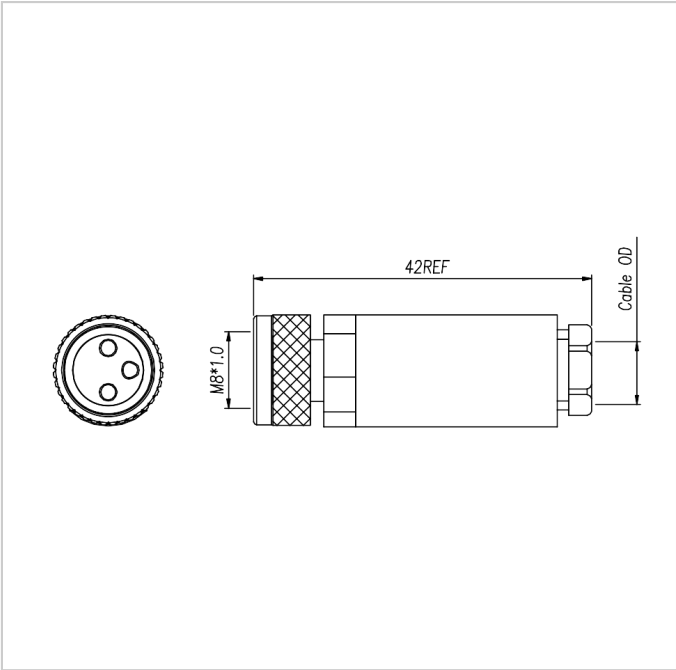


|                      |                              |
|----------------------|------------------------------|
| Shielding            | Unshielded 非屏蔽               |
| Contacts Termination | Terminal Locking Screw 锁螺钉连接 |

Electrical Data & Mechanical Date

|                    |         |         |
|--------------------|---------|---------|
| Contacts Pin       | 3Pins   | 4Pins   |
| Rated Current      | 3A      | 3A      |
| Voltage AC/DC      | 50V/60V | 50V/60V |
| Wire Range AWG/mm² | 24/0.25 | 24/0.25 |

Dimensions



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-F04-PS1 |
| 04Pins           | <br>A-Coding              | 3A                    | 50V        | 60V | 24              | 0.25 | M08-A04-ST0-F04-PS1 |