

## 총람

### 제품 장점



**PM-M12A-03P-MM-SL8A01-20030000641**

Sensor/Actuator Cable,PVC,black,UL2517,Male plug,Straight M12,Coding A,Unshielded,Trimming cable end,Cable Cable length:1m

### 제품 장점

- ☑ Sealing optimization, protection level up to IP68
- ☑ Meet the harsh environment
- ☑ Suitable for various occasions connection technology
- ☑ Compatible with the international and domestic same series products

### 제품 인증

**RoHS REACH**

## 기술 데이터

### 제품 도면

### 3D



### Environmental conditions

|                     |            |
|---------------------|------------|
| Ambient temperature | -25℃...85℃ |
| IP class            | IP68       |

### General parameters

|                       |          |
|-----------------------|----------|
| Rated current         | 4A       |
|                       | 250V     |
| Number of potentials  | 3        |
| Insulation resistance | ≥ 100 MΩ |
| Error-proof coding    | A-Code   |

|                             |        |
|-----------------------------|--------|
| Overvoltage level           | II     |
| Pollution level             | 3      |
| Insertion and pullout cycle | ≥ 100  |
| Torque                      | 0.4 Nm |

#### Material

|                                        |                           |
|----------------------------------------|---------------------------|
| Flammability rating ,in line with UL94 | V0                        |
| Flammability rating ,in line with UL97 | HB                        |
| Contact material                       | CuZn                      |
| Material contact surface               | Au                        |
| Contact carrier material               | PU                        |
| Fixture body material                  | TPU                       |
| Coil material                          | Zinc alloy, nickel plated |
| Sealing material                       | Silicon                   |

#### Standards and specifications

|                          |                 |
|--------------------------|-----------------|
| Standards/specifications | IEC 61076-2-101 |
|--------------------------|-----------------|

#### Cable

|                                            |                        |
|--------------------------------------------|------------------------|
| Cable type                                 | PVC Black              |
| Cable type(abbreviation)                   | PVC                    |
| UL AWM form                                | UL2517                 |
| Cross section                              | 0.34mm <sup>2</sup>    |
| AWG signal wire                            | 22AWG                  |
| Wire structure Signal wire                 | 17/0.16mm <sup>2</sup> |
| Core diameter (including insulation layer) | 1.30±0.05mm            |
| Wire color                                 | 1 Brown 3 Blue 4 Black |
| Thickness, insulation                      | 0.6mm                  |

|                               |                                      |
|-------------------------------|--------------------------------------|
| Cable outer diameter D        | 4.7 ±0.2mm                           |
| Outer sheath, material        | PVC                                  |
| Conductor insulation material | PVC                                  |
| Conductor material            | Tinned copper                        |
| Insulation resistance         | ≥100MΩ                               |
| Conductor resistance          | Maximum 59.4Ω/km (at 20 °C )         |
| Nominal cable voltage         | 300V                                 |
| Cable test voltage            | 2000V                                |
| Flame retardant               | Comply with UL 758/1581 FT1 standard |
| Halogen free                  | Yes                                  |
| Dimension                     |                                      |
| Cable length                  | 1m                                   |

악세사리

Accessories

|             |                 |
|-------------|-----------------|
| Sealing cap | CAP-M12-FP-8001 |
|-------------|-----------------|

비즈니스 데이터

|               |             |
|---------------|-------------|
| 발주 번호         | 20030000641 |
| 포장 단위         | /           |
| MOQ           | 100         |
| 제품 무게 (포장 제외) | /           |