

## 총람

### 제품 장점



**PM-M12S-04P-MM-SL8B01-20030000844**

Sensor/Actuator Cable,PUR,black,UL20549,Male plug,Straight M12,Coding S,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℃...80℃ |
| IP class            | IP68       |

### General parameters

|                       |          |
|-----------------------|----------|
| Rated current         | 12A      |
|                       | 630V     |
| Number of potentials  | 4        |
| Insulation resistance | ≥ 100 MΩ |
| Error-proof coding    | S-Code   |

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

#### Material

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

#### Standards and specifications

|                          |                 |
|--------------------------|-----------------|
| Standards/specifications | IEC 61076-2-111 |
|--------------------------|-----------------|

#### Cable

|                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| Cable type                                 | PUR Black                                   |
| Cable type(abbreviation)                   | PUR                                         |
| UL AWM form                                | UL20940                                     |
| Cross section                              | 1.31mm²                                     |
| AWG signal wire                            | 16AWG                                       |
| Wire structure Signal wire                 | 266/0.08mm                                  |
| Core diameter (including insulation layer) | 3.2±0.05mm                                  |
| Wire color                                 | 1 Black1 2 Black2 3 Black3 PE Yellow /Green |
| Thickness, insulation                      | 0.68mm                                      |
| Cable outer diameter D                     | 9.8mm                                       |
| Minimum bend radius ,fixed installation    | 5*OD                                        |

|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Minimum bend radius ,mobile installation | 10*OD                                |
| Bending times                            | 2 million times                      |
| Bending radius                           | 50.8mm                               |
| Cable weight                             | 134kg/km                             |
| Outer sheath, material                   | PU                                   |
| Conductor insulation material            | PVC                                  |
| Conductor material                       | Tinned copper                        |
| Insulation resistance                    | 10MΩ                                 |
| Conductor resistance                     | Maximum 14.6Ω/km (at 20 °C )         |
| Nominal cable voltage                    | 1000V                                |
| Cable test voltage                       | 2000V                                |
| Special attributes                       | Silicone-free                        |
| Flame retardant                          | Comply with UL 758/1581 FT2 standard |
| Other protection functions               | UV/hydrolysis resistance             |

Dimension

|              |    |
|--------------|----|
| Cable length | 1m |
|--------------|----|

악세서리

Accessories

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

비즈니스 데이터

|       |             |
|-------|-------------|
| 발주 번호 | 20030000844 |
| 포장 단위 | /           |
| MOQ   | 100         |

제품 무게 (포장 제외)

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