

## Přehled

### Informace o produktu



**PM-M12D-04P-MM-SL8B01-20030000830**

Sensor/Actuator Cable,PUR,black,UL20549,Male plug,Straight M12,Coding D,Unshielded,Trimming cable end,Cable Cable length:1m

### Výhoda produktu

- ☒ 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

### Certifikace výrobku

**RoHS REACH**

## Technická data

### Tabulka produktů

### 3D model

□

### Environmental conditions

Ambient temperature

-25°C...80°C

IP class

IP68

### General parameters

Rated current

4A

250V

Number of potentials

4

Insulation resistance

≥ 100 MΩ

Error-proof coding

D-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                                 | PUR Black                      |
| Cable type(abbreviation)                   | PUR                            |
| UL AWM form                                | UL20549                        |
| Cross section                              | 0.34mm²                        |
| AWG signal wire                            | 22AWG                          |
| Wire structure Signal wire                 | 17/0.16mm²                     |
| Core diameter (including insulation layer) | 1.30±0.05mm                    |
| Wire color                                 | 1 Brown 2 White 3 Blue 4 Black |
| Thickness, insulation                      | 0.6mm                          |

|                               |                                      |
|-------------------------------|--------------------------------------|
| Cable outer diameter D        | 5.0 ±0.2mm                           |
| Outer sheath, material        | PU                                   |
| Conductor insulation material | PE                                   |
| 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 FT2 standard |
| Oil resistance                | No                                   |
| Dimension                     |                                      |
| Cable length                  | 1m                                   |

Příloha

Accessories

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

Obchodní data

|                                  |             |
|----------------------------------|-------------|
| číslo objednávky                 | 20030000830 |
| Balící jednotka                  | /           |
| Minimální množství pro objednání | 100         |
| Hmotnost výrobku (bez obalu)     | /           |