

## Přehled

## Informace o produktu

**PM-M12A-03P-FF-SL8B01-20030000626**

Sensor/Actuator Cable,PUR,black,UL20549,Female plug,Straight M12,Coding A,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

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                                 | 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 3 Blue 4 Black |
| Thickness, insulation                      | 0.6mm                  |

|                               |                                      |
|-------------------------------|--------------------------------------|
| Cable outer diameter D        | 4.7 ±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-MP-8001 |

|                                  |             |
|----------------------------------|-------------|
| Obchodní data                    |             |
| číslo objednávky                 | 20030000626 |
| Balící jednotka                  | /           |
| Minimální množství pro objednání | 100         |
| Hmotnost výrobku (bez obalu)     | /           |