

## Áttekintés

## Termék információ

**PM-M12S-04P-FF-SL8B01-20030000840**

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

## A termék előnyei

- ✓ 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

## Termék tanúsítás

**RoHS REACH**

## Műszaki adatok

## Termékrajz

## 3D modell



## Environmental conditions

Ambient temperature

-25°C...80°C

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 |
|--------------|----|

Melléklet

Accessories

|             |                 |
|-------------|-----------------|
| Sealing cap | CAP-M12-MP-8001 |
|-------------|-----------------|

Üzleti adatok

|                               |             |
|-------------------------------|-------------|
| Rendelészám                   | 20030000840 |
| Csomagolási egység            | /           |
| Minimális rendelési mennyiség | 100         |

|                                         |   |
|-----------------------------------------|---|
| A termékek súlya<br>(csomagolás nélkül) | / |
|-----------------------------------------|---|