

## Überblick

### Informationen zum Produkt



**PM-M12A-03P-MM-SL8D01-20030000644**

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

### Produktvorteile

- ☒ 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

### Zertifizierung von Produkten



**RoHS**

**REACH**



## Technische Daten

### Produktzeichnung

### 3D-Modell

□

### Dimension

Cable length

1m

### Environmental conditions

Ambient temperature

-25℃...80℃

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                        |
| Contact material                       | CuZn                      |
| Material contact surface               | Au                        |
| Contact carrier material               | PA                        |
| 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                              | 0.34mm <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        | 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                                   |

Zubehör

Accessories

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

Die Geschäftsdaten

|                                  |             |
|----------------------------------|-------------|
| Nummer der Bestellung            | 20030000644 |
| Verpackung Einheit               | /           |
| Minimale Bestellmenge            | 100         |
| Produktgewicht (ohne Verpackung) | /           |