

Overview

Product information



PM-M12T-04P-MM-SL8B01-20030000852

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

Product advantages

- ☑ 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

Product certification

RoHS REACH

Technical data

Product drawing

3D model

□

Environmental conditions

Ambient temperature

-25℃...80℃

IP class

IP68

General parameters

Rated current

12A

63V

Number of potentials

4

Insulation resistance

≥ 100 MΩ

Error-proof coding

T-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

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

Cable

| | |
|--------------------------------------------|--------------------------------|
| Cable type | PUR Black |
| Cable type(abbreviation) | PUR |
| UL AWM form | UL20549 |
| Cross section | 1.31mm² |
| AWG signal wire | 16AWG |
| Wire structure Signal wire | 266/0.08mm |
| Core diameter (including insulation layer) | 2.4±0.05mm |
| Wire color | 1 Brown 2 White 3 Blue 4 Black |
| Thickness, insulation | 0.68mm |
| Cable outer diameter D | 7.8mm |
| Minimum bend radius ,fixed installation | 5*OD |

| | |
|------------------------------------------|--------------------------------------|
| Minimum bend radius ,mobile installation | 10*OD |
| Bending times | 4 million times |
| Bending radius | 50.8mm |
| Cable weight | 98.5kg/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 | 300V |
| 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 |
|--------------|----|

Accessories

Accessories

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

Business data

| | |
|------------------------|-------------|
| Order number | 20030000852 |
| Packing unit | / |
| Minimum order quantity | 100 |

| | |
|-------------------------------------|---|
| Products weight (without packaging) | / |
|-------------------------------------|---|