

Overview

Product information



PM-M8A-03P-FF-SR7C01-20020000216

Sensor/Actuator Cable,PVC,black,UL2517,Female plug,Angled,M8,Coding A,Unshielded,Trimming cable end,Cable Cable length:1m,UL Certification

Product advantages

- ☑ Sealing optimization, protection level up to IP67
- ☑ Meet the harsh environment
- ☑ Miniature connector,Space saving
- ☑ 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

IP67

General parameters

Rated current

3A

60V

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 | Copper alloy, nickel plated |
| Sealing material | Silicon |

Standards and specifications

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|--------------------------|-----------------|
| Standards/specifications | IEC 61076-2-104 |
|--------------------------|-----------------|

Cable

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|--|------------------------|
| Cable type | PVC Black |
| Cable type(abbreviation) | PVC |
| UL AWM form | UL2517 |
| Cross section | 0.25mm ² |
| AWG signal wire | 24AWG |
| Wire structure Signal wire | 7/0.20mm ² |
| Core diameter (including insulation layer) | 1.00±0.05mm |
| Wire color | 1 Brown 3 Blue 4 Black |
| Thickness, insulation | 0.23mm |
| Cable outer diameter D | 4.4 ±0.2mm |

| | |
|--|-------------------------------|
| Minimum bend radius ,fixed installation | 5*OD |
| Minimum bend radius ,mobile installation | 10*OD |
| Bending radius | 50.8mm |
| Outer sheath, material | PVC |
| Conductor insulation material | PVC |
| Conductor material | Tinned copper |
| Insulation resistance | ≥ 20 MΩ |
| Conductor resistance | Maximum 94.2Ω/km (at 20 °C)) |
| Nominal cable voltage | 300V |
| Cable test voltage | 2000V |
| Special attributes | Silicone-free |
| Flame retardant | Compliant with UL758 |
| Halogen free | Yes |
| Other protection functions | Anti-UV |

Dimension

| | |
|--------------|----|
| Cable length | 1m |
|--------------|----|

Accessories

Business data

| | |
|-------------------------------------|-------------|
| Order number | 20020000216 |
| Packing unit | / |
| Minimum order quantity | 100 |
| Products weight (without packaging) | / |

