

## Overview

### Product information



**PM-M8A-03P-MM-SR7D01-20020000232**

Sensor/Actuator Cable,PVC, black,UL20549,Male 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

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

Cable

|                                            |                        |
|--------------------------------------------|------------------------|
| Cable type                                 | PUR Black              |
| Cable type(abbreviation)                   | PUR                    |
| UL AWM form                                | UL20549                |
| Cross section                              | 0.25mm <sup>2</sup>    |
| AWG signal wire                            | 24AWG                  |
| Wire structure Signal wire                 | 7/0.20mm <sup>2</sup>  |
| 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                   | PU                            |
| 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                             | No                            |
| Other protection functions               | Anti-UV                       |

Dimension

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

Accessories

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 20020000232 |
| Packing unit                        | /           |
| Minimum order quantity              | 100         |
| Products weight (without packaging) | /           |

