## Overview

### Product information



# PM-M12A-03P-MM-SR8A01-20030000645

Sensor/Actuator Cable,PVC,black,UL2517,Male plug,acodado M12,Coding A,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℃...85℃ |
| 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 |
| Flammability rating ,in line with UL97 | HB |
| Contact material | CuZn |
| Material contact surface | Au |
| Contact carrier material | PU |
| Fixture body material | TPU |
| Coil material | Zinc alloy, nickel plated |
| Sealing material | Silicon |

Standards and specifications

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|---|---|
| Standards/specifications | IEC 61076-2-101 |

Cable

| | |
|---|---|
| Cable type | PVC Black |
| Cable type(abbreviation) | PVC |
| UL AWM form | UL2517 |
| Cross section | 0.34mm² |
| AWG signal wire | 22AWG |
| Wire structure Signal wire | 17/0.16mm² |
| 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 | PVC |
| Conductor insulation material | PVC |
| 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 FT1 standard |
| Halogen free | Yes |

Dimension

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

## Accessories

Accessories

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

## Business data

| | |
|---|---|
| Order number | 20030000645 |
| Packing unit | / |
| Minimum order quantity | 100 |
| Products weight (without packaging) | / |