

Overview

Product information

**PM-M12B-05P-FF-SR8A01-20030000797**

Sensor/Actuator Cable,PVC,black,UL2517,Female plug,acodado M12,Coding B,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

60V

Number of potentials

5

Insulation resistance

≥ 100 MΩ

Error-proof coding

B-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 2 White 3 Blue 4 Black 5 Gray |
| Thickness, insulation | 0.6mm |

| | |
|-------------------------------|--------------------------------------|
| Cable outer diameter D | 5.4 ±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-MP-8001 |
|-------------|-----------------|

Business data

| | |
|-------------------------------------|-------------|
| Order number | 20030000797 |
| Packing unit | / |
| Minimum order quantity | 100 |
| Products weight (without packaging) | / |