

## Overview

### Product information



**PM-M12B-05P-FF-SL8C01-20030000795**

Sensor/Actuator Cable,PVC,black,UL2517,Female plug,Straight M12,Coding B,Unshielded,Trimming cable end,Cable Cable length:1m,UL Certification

### 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

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### 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
Contact material	CuZn
Material contact surface	Au
Contact carrier material	PA
Fixture body material	TPU
Coil material	Zinc alloy, nickel plated
Sealing material	Silicon

#### Standards and specifications

Standards/specifications	IEC 61076-2-101
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#### Cable

Cable type	PVC Black
Cable type(abbreviation)	PVC
UL AWM form	UL2517
Cross section	0.34mm <sup>2</sup>
AWG signal wire	22AWG
Wire structure Signal wire	17/0.16mm <sup>2</sup>
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	$\geq 100\text{M}\Omega$
Conductor resistance	Maximum $59.4\Omega/\text{km}$ (at $20\text{ }^{\circ}\text{C}$ )
Nominal cable voltage	300V
Cable test voltage	2000V
Flame retardant	Comply with UL 758/1581 FT1 standard
Halogen free	Yes

Dimension

Cable length	1m
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Accessories

Accessories

Sealing cap	CAP-M12-MP-8001
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Business data

Order number	20030000795
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/