

## Overview

### Product information



**PM-M12S-04P-FF-SL8B01-20030000840**

Sensor/Actuator Cable,PUR,black,UL20549,Female plug,Straight M12,Coding S,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

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### Environmental conditions

Ambient temperature

-25℃...80℃

IP class

IP68

### General parameters

Rated current

12A

630V

Number of potentials

4

Insulation resistance

≥ 100 MΩ

Error-proof coding

S-Code

Overvoltage level	III
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	PU
Coil material	Zinc alloy, nickel plated
Sealing material	Silicon

#### Standards and specifications

Standards/specifications	IEC 61076-2-111
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#### Cable

Cable type	PUR Black
Cable type(abbreviation)	PUR
UL AWM form	UL20940
Cross section	1.31mm²
AWG signal wire	16AWG
Wire structure Signal wire	266/0.08mm
Core diameter (including insulation layer)	3.2±0.05mm
Wire color	1 Black1 2 Black2 3 Black3 PE Yellow /Green
Thickness, insulation	0.68mm
Cable outer diameter D	9.8mm
Minimum bend radius ,fixed installation	5*OD

Minimum bend radius ,mobile installation	10*OD
Bending times	2 million times
Bending radius	50.8mm
Cable weight	134kg/km
Outer sheath, material	PU
Conductor insulation material	PVC
Conductor material	Tinned copper
Insulation resistance	10MΩ
Conductor resistance	Maximum 14.6Ω/km (at 20 °C )
Nominal cable voltage	1000V
Cable test voltage	2000V
Special attributes	Silicone-free
Flame retardant	Comply with UL 758/1581 FT2 standard
Other protection functions	UV/hydrolysis resistance

Dimension

Cable length	1m
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Accessories

Accessories

Sealing cap	CAP-M12-MP-8001
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Business data

Order number	20030000840
Packing unit	/
Minimum order quantity	100

Products weight (without packaging)	/
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