

## Overview

### Product information



**PM-M8A-03P-MM-SL7D01-20020000229**

Sensor/Actuator Cable,PUR,black,UL20549,Male plug,Straight,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

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### 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
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Cable

Cable type	PUR Black
Cable type(abbreviation)	PUR
UL AWM form	UL20549
Cross section	0.25mm²
AWG signal wire	24AWG
Wire structure Signal wire	7/0.20mm²
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
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Accessories

Business data

Order number	20020000229
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/

