

## Overview

### Product information



**PMSH-M12X-08P-MM-SL7X01-20030001059**

Sensor/Actuator Cable,Cat 6A,blue,Male plug,Straight,M12,Coding X,Shielded,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°C...75°C

IP class

IP67

### General parameters

Rated current

0.5A

50V

Number of potentials

8

Insulation resistance

≥ 100 MΩ

Error-proof coding

X-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 61076-2-109
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Cable

Cable type	CAT6A S/FTP LSZH Blue
Cable type(abbreviation)	CAT6A S/FTP
Cross section	0.14mm <sup>2</sup>
AWG signal wire	26AWG
Wire structure Signal wire	7/0.16mm <sup>2</sup>
Core diameter (including insulation layer)	1.00±0.05mm
Wire color	1.White 2.Orange 3.White 4.Green 5.White 6.Brown 7.White 8.Blue knitting
Thickness, insulation	0.25mm
Cable outer diameter D	6.5 ±0.3mm

Conductor insulation material	Foam PE
	LSZH
Conductor material	Bare copper
Conductor resistance	14.8ohm/100M
Flame retardant	IEC60332-1
Halogen free	No

Dimension

Cable length	1m
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Accessories

Accessories

Sealing cap	CAP-M12-FP-8001
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Business data

Order number	20030001059
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/