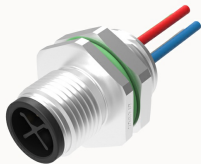


## Overview

### Product information



**SD-M12S-04P-MM-SH8B50-20030001218**

Sensor/Actuator Female socket,M12,Coding S,Front panel installation/M16\*1.5  
Thread mounted,With 0.5m litz wires

### 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℃...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	II
Pollution level	3
Connection method	Single wire
Insertion and pullout cycle	≥ 100
Torque	0.4 Nm
Type of installation	Installation in front of the board

#### Material

Flammability rating ,in line with UL94	V0
Contact material	CuZn
Material contact surface	Au
Contact carrier material	PA
Coil material	Zinc alloy, nickel plated
Sealing material	Silicon

#### Standards and specifications

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

UL AWM form	UL1015
Cross section	1.31mm <sup>2</sup>
AWG signal wire	16AWG
Wire structure Signal wire	26/0.254mm <sup>2</sup>
Core diameter (including insulation layer)	3.1±0.05mm
Wire color	1 Black1 2 Black2 3 Black3 PE Yellow /Green
Thickness, insulation	0.73mm
Conductor insulation material	PVC
Conductor material	Tinned copper

Insulation resistance	10MΩ
Conductor resistance	Maximum 14.6Ω/km (at 20 °C )
Nominal cable voltage	600V
Cable test voltage	2000V

Dimension

Cable length	0.5m
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Accessories

Accessories

Sealing cap	CAP-M12-FP-8003
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Business data

Order number	20030001218
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/