

## Overview

### Product information



**SD-M8A-03P-FF-SH7B50-20020000411**

Sensor/Actuator Female socket, M8, Coding A, Front panel installation/M8\*0.5  
Thread mounted, 0.5m mlitz wires

### 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



## Technical data

### Product drawing

### 3D model

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### Environmental conditions

Ambient temperature	-25°C...80°C
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
Connection method	Single wire
Insertion and pullout cycle	≥ 100
Torque	0.3 Nm ... 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	Copper alloy, nickel plated
Sealing material	Silicon

#### Standards and specifications

Standards/specifications	IEC 61076-2-104
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#### Cable

UL AWM form	UL1061
Cross section	0.25mm <sup>2</sup>
Wire structure Signal wire	7/0.20mm <sup>2</sup>
Core diameter (including insulation layer)	1.10±0.05mm
Wire color	1 Brown 3 Blue 4 Black
Thickness, insulation	0.18mm
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

Dimension

Cable length	0.5m
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Accessories

Business data

Order number	20020000411
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/