

## Overview

### Product information



**SP-M12A-03P-MM-SH8001-20030001233**

Sensor/Actuator Female socket, M12, Coding A, Unshielded, Front panel installation/PG9 Thread mounted, 180° vertical pins

### 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



## Technical data

### Product drawing

### 3D model

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### Environmental conditions

Ambient temperature

-40°C...105°C

IP class

IP68

### General parameters

Rated current

4A

250V

Number of potentials

3

Insulation resistance

≥ 100 MΩ

Error-proof coding

A-Code

Overvoltage level	II
Pollution level	3
Connection method	Soldering pin
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 61076-2-101
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#### Accessories

##### Accessories

Sealing cap	CAP-M12-FP-8002
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#### Business data

Order number	20030001233
Packing unit	/
Minimum order quantity	100
Products weight (without packaging)	/

