

## Overview

### Product information



**SD-M12B-05P-MM-SH8002-20030001191**

Sensor/Actuator Female socket,M12,Coding B,Front panel installation/M16\*1.5  
Thread mounted,Soldering cup

### 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

□

### Environmental conditions

Ambient temperature

-40℃...105℃

IP class

IP68

### General parameters

Rated current

4A

60V

Number of potentials

5

Insulation resistance

≥ 100 MΩ

Error-proof coding

B-Code

|                             |                                    |
|-----------------------------|------------------------------------|
| Overvoltage level           | II                                 |
| Pollution level             | 3                                  |
| Connection method           | Soldering                          |
| 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 |
|--------------------------|-----------------|

#### Accessories

##### Accessories

|             |                 |
|-------------|-----------------|
| Sealing cap | CAP-M12-FP-8003 |
|-------------|-----------------|

#### Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 20030001191 |
| Packing unit                        | /           |
| Minimum order quantity              | 100         |
| Products weight (without packaging) | /           |

