

## 총람

### 제품 장점



**SD-M12B-05P-MM-SH8B50-20030001193**

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

### 제품 장점

- ☑ 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

### 제품 인증



**RoHS**

**REACH**



## 기술 데이터

### 제품 도면

### 3D

□

### Environmental conditions

Ambient temperature

-25℃...80℃

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           | 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 61076-2-101 |
|--------------------------|-----------------|

#### Cable

|                                            |                                       |
|--------------------------------------------|---------------------------------------|
| UL AWM form                                | UL1061                                |
| Cross section                              | 0.34mm²                               |
| AWG signal wire                            | 22AWG                                 |
| Wire structure Signal wire                 | 17/0.16mm²                            |
| Core diameter (including insulation layer) | 1.30±0.05mm                           |
| Wire color                                 | 1 Brown 2 White 3 Blue 4 Black 5 Gray |
| Thickness, insulation                      | 0.203mm                               |
| 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                         |

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

|               |             |
|---------------|-------------|
| 비즈니스 데이터      |             |
| 발주 번호         | 20030001193 |
| 포장 단위         | /           |
| MOQ           | 100         |
| 제품 무게 (포장 제외) | /           |