

## 총람

### 제품 장점



**SD-M12A-03P-MM-SF8B50-20030001071**

Sensor/Actuator Female socket, M12, Coding A, Rear 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       |
|                       | 250V     |
| 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                      | 0.4 Nm                  |
| Type of installation        | Rear board installation |

#### 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 3 Blue 4 Black |
| 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         | 20030001071 |
| 포장 단위         | /           |
| MOQ           | 100         |
| 제품 무게 (포장 제외) | /           |