

## 총람

### 제품 장점



**SD-M5A-03P-FF-SF7B50-20010000073**

Sensor/Actuator Female socket, M5, Coding A, Rear panel installation/M7\*0.75 thread, 0.5mm 3-core wires

### 제품 장점

- ☑ 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

### 제품 인증

**RoHS REACH**

## 기술 데이터

### 제품 도면

### 3D

□

### Environmental conditions

|                     |            |
|---------------------|------------|
| Ambient temperature | -40℃...85℃ |
| IP class            | IP67       |

### General parameters

|                       |          |
|-----------------------|----------|
| Rated current         | 1A       |
|                       | 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        | Rear board installation |

#### 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 61076-2-105 |
|--------------------------|-----------------|

#### Cable

|                                            |                        |
|--------------------------------------------|------------------------|
| UL AWM form                                | UL1061                 |
| Cross section                              | 0.14mm²                |
| AWG signal wire                            | 26AWG                  |
| Wire structure Signal wire                 | 7/0.16mm²              |
| Core diameter (including insulation layer) | 1.00±0.05mm            |
| Wire color                                 | 1 Brown 3 Blue 4 Black |
| Thickness, insulation                      | 0.23mm                 |
| Conductor insulation material              | PVC                    |
| Conductor material                         | Tinned copper          |

|                       |                              |
|-----------------------|------------------------------|
| Insulation resistance | ≥100MΩ                       |
| Conductor resistance  | Maximum 150Ω/km (at 20 °C) ) |
| Nominal cable voltage | 300V                         |
| Cable test voltage    | 2000V                        |
| Dimension             |                              |
| Cable length          | 0.5m                         |

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| 약세사리 |
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|               |             |
|---------------|-------------|
| 비즈니스 데이터      |             |
| 발주 번호         | 20010000073 |
| 포장 단위         | /           |
| MOQ           | 100         |
| 제품 무게 (포장 제외) | /           |