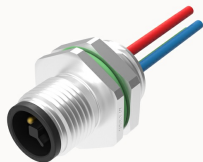


## Überblick

### Informationen zum Produkt



**SD-M12T-04P-MM-SH8A50-20030001225**

Sensor/Actuator Female socket,M12,Coding T,Front panel installation/PG9  
Thread mounted,With 0.5m litz wires

### Produktvorteile

- ☑ 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

### Zertifizierung von Produkten

**RoHS REACH**

## Technische Daten

### Produktzeichnung

### 3D-Modell

□

### Dimension

Cable length

0.5m

### Environmental conditions

Ambient temperature

-25℃...80℃

IP class

IP68

### General parameters

Rated current

12A

63V

Number of potentials

4

|                             |                                    |
|-----------------------------|------------------------------------|
| Insulation resistance       | $\geq 100 \text{ M}\Omega$         |
| Error-proof coding          | T-Code                             |
| Overvoltage level           | II                                 |
| Pollution level             | 3                                  |
| Connection method           | Single wire                        |
| Insertion and pullout cycle | $\geq 100$                         |
| 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 61076-2-111 |
|--------------------------|-----------------|

#### Cable

|                                            |                                |
|--------------------------------------------|--------------------------------|
| UL AWM form                                | UL1061                         |
| Cross section                              | 1.31mm <sup>2</sup>            |
| AWG signal wire                            | 16AWG                          |
| Wire structure Signal wire                 | 26/0.254mm <sup>2</sup>        |
| Core diameter (including insulation layer) | 2.1±0.05mm                     |
| Wire color                                 | 1 Brown 2 White 3 Blue 4 Black |
| Thickness, insulation                      | 0.20mm                         |

|                               |                              |
|-------------------------------|------------------------------|
| Conductor insulation material | PVC                          |
| Conductor material            | Tinned copper                |
| Insulation resistance         | 10MΩ                         |
| Conductor resistance          | Maximum 14.6Ω/km (at 20 °C ) |
| Nominal cable voltage         | 300V                         |
| Cable test voltage            | 2000V                        |

#### Zubehör

##### Accessories

Sealing cap

CAP-M12-FP-8002

#### Die Geschäftsdaten

|                                  |             |
|----------------------------------|-------------|
| Nummer der Bestellung            | 20030001225 |
| Verpackung Einheit               | /           |
| Minimale Bestellmenge            | 100         |
| Produktgewicht (ohne Verpackung) | /           |