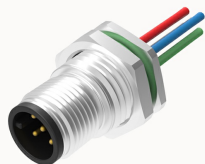


## Aperçu

### Informations sur le produit



**SD-M12B-05P-MM-SF8A50-20030001188**

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

### Les avantages des produits

- ✓ 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

### Les certificats des produits



**RoHS**

**REACH**



## Caractéristiques techniques

### Dessin de produit

### Modèle 3D

□

### Environmental conditions

Ambient temperature

-25°C...80°C

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        | 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 2 White 3 Blue 4 Black 5 Gray |
| Thickness, insulation                      | 0.203mm                               |
| Conductor insulation material              | PVC                                   |
| Conductor material                         | Tinned copper                         |

|                       |                                       |
|-----------------------|---------------------------------------|
| Insulation resistance | $\geq 20\text{ M}\Omega$              |
| Conductor resistance  | Maximum 94.2 $\Omega$ /km (at 20 °C ) |
| Nominal cable voltage | 300V                                  |
| Cable test voltage    | 2000V                                 |

#### Dimension

|              |      |
|--------------|------|
| Cable length | 0.5m |
|--------------|------|

#### Accessoires

##### Accessories

|             |                 |
|-------------|-----------------|
| Sealing cap | CAP-M12-FP-8002 |
|-------------|-----------------|

#### Caractéristiques commerciales

|                                     |             |
|-------------------------------------|-------------|
| Numéro de la commande               | 20030001188 |
| Unité d'emballage                   | /           |
| Quantité minimale de commande       | 100         |
| Le poid de produit (sans emballage) | /           |