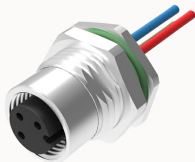


Overview

Product information



SD-M12D-04P-FF-SF8B50-20030001198

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

Product advantages

- ☑ 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

Product certification



RoHS

REACH



Technical data

Product drawing

3D model

□

Environmental conditions

Ambient temperature

-25℃...80℃

IP class

IP68

General parameters

Rated current

4A

250V

Number of potentials

4

Insulation resistance

≥ 100 MΩ

Error-proof coding

D-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 |
| 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 |
|--------------|------|

Accessories

Accessories

| | |
|-------------|-----------------|
| Sealing cap | CAP-M12-MP-8003 |
|-------------|-----------------|

Business data

| | |
|-------------------------------------|-------------|
| Order number | 20030001198 |
| Packing unit | / |
| Minimum order quantity | 100 |
| Products weight (without packaging) | / |