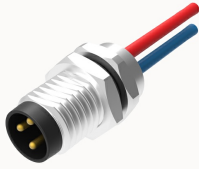


Overview

Product information



SD-M8A-04P-MM-SF7C50-20020000430

Sensor/Actuator Female socket, M8, Coding A, Rear panel installation/M8*1.0
Thread mounted, 0.5m mlitz wires

Product advantages

- 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

Product certification



RoHS

REACH



Technical data

Product drawing

3D model

□

Environmental conditions

| | |
|---------------------|--------------|
| Ambient temperature | -25°C...80°C |
| IP class | IP67 |

General parameters

| | |
|-----------------------|----------|
| Rated current | 3A |
| | 60V |
| Number of potentials | 4 |
| 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 61076-2-104 |
|--------------------------|-----------------|

Cable

| | |
|--------------------------------------------|--------------------------------|
| UL AWM form | UL1061 |
| Cross section | 0.25mm ² |
| Wire structure Signal wire | 7/0.20mm ² |
| Core diameter (including insulation layer) | 1.10±0.05mm |
| Wire color | 1 Brown 2 White 3 Blue 4 Black |
| Thickness, insulation | 0.18mm |
| 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

Business data

| | |
|-------------------------------------|-------------|
| Order number | 20020000430 |
| Packing unit | / |
| Minimum order quantity | 100 |
| Products weight (without packaging) | / |