## Overview

### Product information



# SD-M12D-04P-FF-SF8E50-00A(H)-20030002476

All-plastic series / Sensor / Actuator, pin socket, M12, female, code D, board rear / M16*1.5 threaded installation, with 0.5m electronic wire

### Product advantages

☑ Sealing optimization, protection level up to IP67
☑ Meet the harsh environment
☑ Suitable for various occasions connection technology
☑ Compatible with the international and domestic same series products

### Product certification

## Technical data

### Product drawing

### 3D model

### Overview

| | |
|---|---|
| Flame retardant grade, in line with UL 94 | V0 |

### IEC Electrical parameters

| | |
|---|---|
| Pollution level | 3 |

### Environmental conditions

| | |
|---|---|
| Ambient temperature | -25℃...80℃ |
| IP class | IP68 |

### General parameters

| | |
|---|---|
| | 4A |

| | |
|---|---|
| Rated current | 60V |
| Insulation resistance | ≥ 100 MΩ |
| Overvoltage level | II |
| Insertion and pullout cycle | ≥ 100 |
| Torque | 0.4 Nm |

Material

| | |
|---|---|
| Contact material | CuZn |
| Material contact surface | Au |
| Contact carrier material | PA |
| Sealing material | Silicon |

Standards and specifications

| | |
|---|---|
| Standards/specifications | IEC 61076-2-101 |

Cable

| | |
|---|---|
| UL AWM form | UL1061 |
| 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 |

## Accessories

## Business data

| | |
|---|---|
| Order number | 20030002476 |

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