DEGSON

## Overview

### Product information



# PP-M12B-05P-FF-SL8C01-00A(H)-20030002194

All-plastic series / Sensor / Actuator cable, PVC, through-hole plug, female, straight M12, code B, end flush, cable with connector length: 1m

### 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

c US RoHS REACH c

## Technical data

### Product drawing

### 3D model

### Overview

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

### Dimension

| | |
|---|---|
| Cable length | 1m |

### IEC Electrical parameters

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

### Environmental conditions

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

## General parameters

| | |
|---|---|
| Rated current | 4A |
| | 250V |
| Insulation resistance | ≥ 100 MΩ |
| Overvoltage level | II |
| Insertion and pullout cycle | ≥ 100 |
| Torque | 0.4 Nm |

## Material

| | |
|---|---|
| Flammability rating ,in line with UL97 | HB |
| Material contact surface | Au |
| Contact carrier material | PA |
| | PU |
| Fixture body material | TPU |
| Sealing material | Silicon |

## Standards and specifications

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

## Cable

| | |
|---|---|
| UL AWM form | UL2517 |
| | UL20549 |
| Outer sheath, material | PUR |
| | PVC |
| Conductor insulation material | PVC |
| Conductor material | Tinned copper |
| Insulation resistance | ≥100MΩ |
| Conductor resistance | Maximum 59.4Ω/km (at 20 °C) ) |

| | |
|---|---|
| Nominal cable voltage | 300V |
| Cable test voltage | 2000V |
| Flame retardant | Comply with UL 758/1581 FT1 standard |
| Halogen free | Yes |

Material data

| | |
|---|---|
| Contact material | Copper alloy |

## Accessories

## Business data

| | |
|---|---|
| Order number | 20030002194 |
| Packing unit | / |
| Minimum order quantity | 100 |
| Products weight (without packaging) | / |