

# M8 Sensor Connector

## A-Coded, Field-wireable

**multicomp** PRO

Field-wireable connector M8, A-coding, Male, Straight

**RoHS  
Compliant**



### Features

- M8, Male, Straight
- A-Coding
- Plastic housing
- Protection class: IP67
- Screw terminal
- 3-Pin
- Cable feedthrough 3.5mm to 5mm

### Technical Data

#### Connector

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Connector A                         | : Male, M8 × 1, Straight, A-coded |
| Number of Pins                      | : 3                               |
| Contacts                            | : Brass, Gold-plated              |
| Contact Carriers                    | : PBT                             |
| Coupling Nut/screw                  | : Brass, Nickel-plated            |
| Connector body                      | : PA                              |
| External diameter of the cable      | : 3.5mm to 5mm                    |
| Core cross-section/Clamping ability | : 0.14 to 0.5mm <sup>2</sup>      |
| Connection mode                     | : Screw connection                |
| Mechanical lifespan                 | : >100 Mating cycles              |
| Pollution degree                    | : 3                               |
| Protection Class                    | : IP67, (screwed together)        |
| Locking mode                        | : Screw                           |
| Standard                            | : IEC 61076-2                     |

#### Electrical properties at +20 °C

|                       |                      |
|-----------------------|----------------------|
| Rated Voltage         | : 60V                |
| Current               | : 4A                 |
| Insulation resistance | : ≥10 <sup>9</sup> Ω |
| Forward resistance    | : ≤ 3mΩ              |

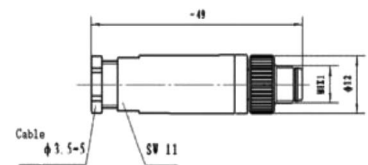
#### Mechanical and chemical properties

|  |                 |
|--|-----------------|
| Ambient temperature range (stationary) | : -40°C to 85°C |
|--|-----------------|

### Contact assignment



### Diagram



Dimensions : Millimetres

### Part Number Table

| Description                                | Part Number |
|--|-------------|
| M12 Sensor Male Connector, A-Coded, 3 Pins | MP011279    |

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