

# M12 Sensor Connector

## A-Coded, Field-wireable

**multicomp** PRO

Field-wireable connector M12, A-coding, Female, Straight

**RoHS  
Compliant**



### Features

- Metal coupling nut
- Metal housing
- Protection class: IP67
- Screw terminal
- 5-Pin
- Cable feedthrough 4mm to 6mm
- PG7 screw-in thread

### Technical Data

#### Connector

Connector A	: Female, M12 x 1, Straight, A-coded
Number of Pins	: 5
Contacts	: Brass, Gold-plated
Contact Carriers	: PBT
Coupling Nut/screw	: Brass, Nickel-plated
Connector body	: Brass, Nickel-plated
External diameter of the cable	: 4mm to 6mm (PG 7)
Core cross-section/Clamping ability	: 0.14 to 0.75mm <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	: $\geq 10^9 \Omega$
Forward resistance	: $\leq 3 m\Omega$

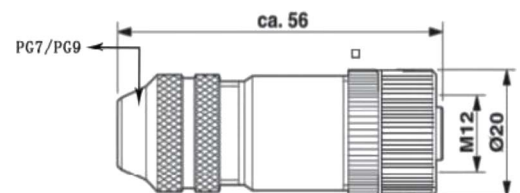
#### Mechanical and chemical properties

Ambient temperature range	: -25°C to 85°C
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### Contact assignment



### Diagram



Dimensions : Millimetres

### Part Number Table

Description	Part Number
M12 Sensor Female Connector, A-Coded, 5 Pins	MP011271

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