M8 Sensor Connector
A-Coded, Field-wireable

multicomp PRO

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

RoHS Compliant

Features

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

Technical Data

Connector

Connector A	: Female, M8 × 1, Straight, A-coded
Number of Pins	: 3
Contacts	: Brass, Gold-plated
Contact Carriers	: PBT
Copling 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 0.5mm²
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	: $\geq 10^8 \Omega$
Forward resistance	: $\leq 3m\Omega$

Mechanical and chemical properties

Ambient temperature range (stationary)	: -25°C to 85°C

Contact assignment

Diagram
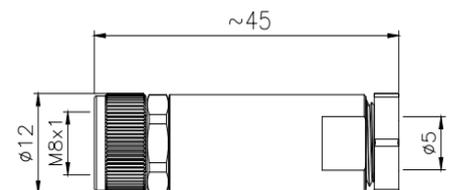
Dimensions : Millimetres

Part Number Table

Description	Part Number
M12 Sensor Female Connector, A-Coded, 3 Pins	MP011280

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

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