

M12 Sensor Connector

A-Coded, Field-wireable

multicomp PRO

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

**RoHS
Compliant**



Features

- Metal coupling nut
- Plastic housing
- Protection class: IP67
- Screw terminal
- 5-Pin
- Cable feedthrough 6mm to 8mm
- PG9 screw-in thread

Technical Data

Connector

Connector A	: Male, 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	: PA
External diameter of the cable	: 6mm to 8mm (PG 9)
Core cross-section/Clamping ability	: 0.2 to 0.75mm ²
Connection mode	: Screw connection
Mechanical lifespan	: ≥100 Mating cycles
Pollution degree	: 3
Protection Class	: IP67, (screwed together)
Locking mode	: Screw
Standard	: IEC 61076-2

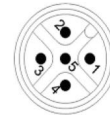
Electrical properties at +20 °C

Rated Voltage	: 60V
Current	: 4A
Insulation resistance	: ≥10 ⁹ Ω
Forward resistance	: ≤ 3mΩ
Test voltage	: 1500 V

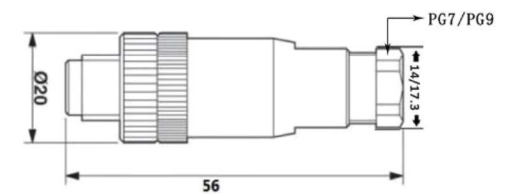
Mechanical and chemical properties

Ambient temperature range	: -25°C to 85°C
---------------------------	-----------------

Contact assignment



Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
M12 Sensor Male Connector, A-Coded, 5 Pins	MP011266

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

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

multicomp PRO