

M12 Sensor Connector

A-Coded

multicomp PRO

Receptacle rear mounted, M12, A-Coding, 5-Pin

**RoHS
Compliant**



Features

- M12, Female, 5-Pin
- Resistant to salt spray
- Protection Class: IP67
- Approval: cULus, CE
- Cable length: 0.3 m

Technical Data

Connector

Connector A	: Female, M12x1, A-coding
Number of Pins	: 5
Contacts	: Brass, Gold-plated
Coupling Nut/screw	: Brass, Nickel-plated
Contact Carriers	: PA
Seal	: FKM
Mounting orientation	: Rear mount
Mounting thread	: M16 × 1.5
Mechanical lifespan	: ≥100 Mating cycles
Pollution degree	: 3
Protection Class	: IP67, (screwed together)
Locking mode	: Screw
Cable length	: 0.3m
Core colors	: 1-BN, 2-WH, 3-BU, 4-BK, 5-GY
Core insulation	: PVC
Core cross-section	: 5 × 0.34mm ²
Locking mode	: Screw
Connection mode	: Wire connection
Standard	: IEC 61076-2

Electrical properties

Rated Voltage	: 60V
Current	: 4A
Insulation resistance	: ≥10 ⁸ Ω

Mechanical and chemical properties

Ambient temperature range (stationary) : -40°C to 80°C

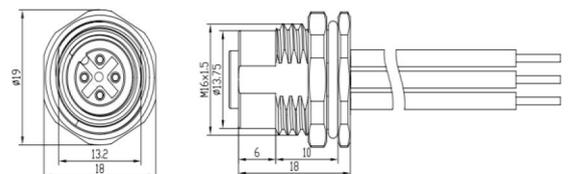
Contact assignment



Connection diagram

CNI	Core colors
1	BN
2	WH
3	BU
4	BK
5	GY

Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
M12 Sensor Connector, Receptacle, Rear Mount, A-Coded, 5 Pins	MP011278

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