

# M8 Sensor Cable Assembly Plug-Free

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Actuator and Sensor Cable, PVC-Connection Cable, M8, A-Coding

**RoHS  
Compliant**



## Features

- M8, Female, Straight, 4-Pin
- Cable Jacket material: PVC
- Resistant to chemicals and oils
- Flame-retardant
- Resistance to welding sparks
- Resistant to salt spray
- Protection Class: IP67
- Approval: cULus, CE
- Cable length: 2m

## Technical Data

### Connector A

Connector	: Female, M8 × 1, Straight, A-coded
Number of Pins	: 4
Contacts	: Brass, Gold-plated
Coupling Nut/screw	: Brass, Nickel-plated
Contact Carriers	: PBT
Seal	: FKM
Connector body	: PA
LED	: No
Mechanical lifespan	: ≥100 Mating cycles
Pollution degree	: 3
Protection Class	: IP67, (screwed together)
Locking mode	: Screw
Standard	: IEC 61076-2

### Cable

Cable length	: 2m
Cable specification	: 4 × 0.25mm <sup>2</sup>
Cable jacket	: PVC, Black
Shielding	: No
Core colors	: 1-BN, 2-WH, 3-BU, 4-BK
Sheath stripping length	: 50 mm
Core insulation	: PVC
Cable diameter	: Ø 5 ± 0.2 mm

### Electrical properties

Rated Voltage	: 60V
Current	: 4A
Contact resistance	: ≤ 3mΩ
Test voltage	: 800 V

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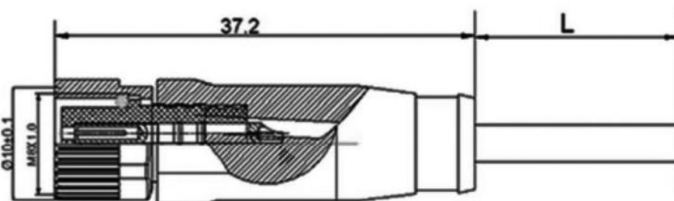
## Mechanical and chemical properties

Ambient temperature range : -25°C to 80°C  
 Bending radius (stationary installation) :  $\geq 5 \times \varnothing$   
 Bending radius (flexible use) :  $\geq 10 \times \varnothing$   
 Bending times :  $\geq 1$  Mio.

## Contact assignment

CNI	Core colors
1	BN
2	WH
3	BU
4	BK

## Diagram



Dimensions : Millimetres

## Circuit Diagram



## Part Number Table

Description	Part Number
M8 Sensor Cable, Plug-Free End, PVC, A-Coding, 4 Pins, 2m	MP011283

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