## 22260087

# **DATA SHEET**

Valid from: 17.09.2018

AB-C4-M12MS-PG9-PO-0,5



# Description

- Sensor/Actuator flush-type plug, 4-pos., A-coded, M12 quick locking
- Front/screw mounting with PG9 thread, can be positioned, with 0.5 m TPE litz wire, 4 x 0.34 mm<sup>2</sup>



#### General characteristics

Number of poles 4

Connection type Fixed connection

Mounting type Front mounting PG9 with locking nut

Length of cable 0.5 Status indicator No

Coding A-standard
Degree of protection IP 67

Ambient temperature (operation) -25 to +90 °C (-13 to 194 °F) (cable fixed installation)

-25 to +85 °C (-13 to 185 °F) (connector)

## **Electrical properties**

 $\begin{array}{ll} \mbox{Insulation resistance (min.)} & \mbox{100 M}\Omega \\ \mbox{Contact resistance (max.)} & \mbox{3 m}\Omega \end{array}$ 

#### Mechanical properties

#### Connector

Contact, material CuZn
Contact surface, material Ni/Au
Contact carrier, material PA66

Knurl, material Brass (nickel-plated)

Sealing, material NBR

Line

Cable type TPE litz wire

Conductor, material Tin-plated Cu litz wires

Core insulation, material TPE

Wire colours Brown, white, blue, black Conductor diameter including insulation 1.2 mm  $\pm 0.07$  mm

Thickness, insulation0.21 mmConductor cross section $0.34 \text{ mm}^2$ Conductor structure signal line $7 \times 0.25 \text{ mm}$ 

AWG signal line 22

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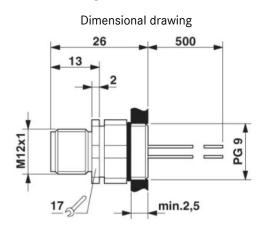


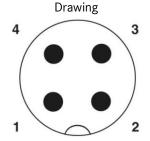
#### **Standard**

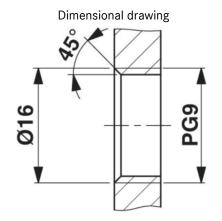
M12-plug

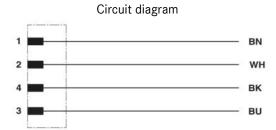
IEC 61076-2-101

# **Technical drawing**









# **Application range**

Connection of enclosures and cabinets

## Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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