

Basic features

Approval/Conformity	CE UKCA cULus WEEE
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Electrical connection

Bending radius min., fixed cable	5 x D
Cable	PVC Shielded gray, 10 m
Cable diameter D	5.00 mm ±0.10 mm
Conductor cross-section	0.34 mm ²
Connection	M12x1-Male, straight, 3-pin, A-coded
Connector configuration	Straight
Number of conductors	3
Number of pins	3
System	Molded

Electrical data

Operating voltage U_b	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Remarks

Cable construction acc. to UL-AWM Style 2517
 Silicone-free
 Flame resistance acc. to FT1
 360° shield on cover nut

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

The cables are for signal distribution in the industrial application area of sensor and automation technology and are not intended for private use. It is a finished product that includes plugs, cables, and open wire ends. Depending on the configuration and application area, additional legal, normative, and Occupational Health and Safety Requirements must be met by the customer. Work on electrical equipment may only be carried out by qualified electricians.

Environmental conditions

Cable temperature UL max., fixed routing	80 °C
Cable temperature, fixed routing	-20...105 °C
IP rating	IP67

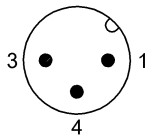
Material

Cable jacket material, note	Shielded
Cable jacket, material	PVC
Cable shield	Copper braid, tin-plated
Material contact carrier	PUR
Material contacts	Brass
Material cover nut	Brass nickel-plated
Material grip	PUR

Mechanical data

Cable jacket, color	gray
Cable length L	10.00 m
Tightening torque pigtail	0.6 Nm

Connector Drawings

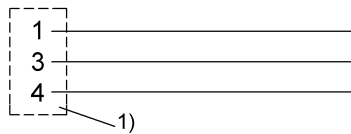


PIN 1: brown

PIN 3: blue

PIN 4: black

Wiring Diagrams (Schematic)



1) Shield on cover nut