

Basic features

Application	Welding area
Approval/Conformity	EAC WEEE

Electrical connection

Bending radius min., fixed cable	8 x D
Bending radius min., flexible cable	15 x D
Cable	TPE welding spark resistant gray, 5.00 m
Cable diameter D	4.80 mm ±0.20 mm
Conductor cross-section	0.34 mm ²
Connection	M12x1-Female, right-angle, 5-pin, A-coded
Connector configuration	right-angle
Number of conductors	4
Number of pins	5
System	Molded

Electrical data

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

Remarks

Flame-retarding
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Environmental conditions

Cable temperature, fixed routing	-50...130 °C
Cable temperature, flexible routing	-40...125 °C
IP rating	IP65

Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	TPE
Material contact carrier	PUR, special
Material contacts	Bronze
Material cover nut	Brass
Material grip	PTFE coated PUR, special

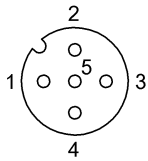
Mechanical data

Cable jacket, color	gray
Cable length L	5.00 m
Tightening torque pigtail	0.6 Nm

Output/Interface

Switching output	Complementary
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Connector Drawings



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

Wiring Diagrams

