

## 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, 1 m
Cable diameter D	4.80 mm ±0.20 mm
Conductor cross-section	0.34 mm <sup>2</sup>
Connection 1	M12x1-Female, right-angle, 5-pin, A-coded
Connection 2	M12x1-Male, Straight, 4-pin, A- coded
Number of conductors	4
System	Molded/Molded

## Electrical data

Operating voltage U <sub>b</sub>	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/IP65

## Material

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

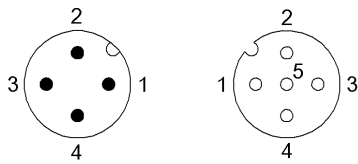
## Mechanical data

Cable jacket, color	gray
Cable length L	1.00 m
Tightening torque pigtail	0.6 Nm/0.6 Nm

## Output/Interface

Switching output	Complementary
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### Connector Drawings



II

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

I

PIN 1: brown  
PIN 2: white  
PIN 3: blue  
PIN 4: black  
PIN 5: n.c.

### Wiring Diagrams

