



Basic features

Application	Welding area
Approval/Conformity	CE 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, 0.3 m
Cable diameter D	4.80 mm ±0.20 mm
Conductor cross-section	0.34 mm ²
Connection 1	M12x1-Female, angled, 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_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/IP65

Interface

Switching output	Complementary
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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	0.30 m
Tightening torque pigtail	0.6 Nm/0.6 Nm

Connector Drawings



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| <p>II</p> <p>PIN 1: brown</p> <p>PIN 2: white</p> <p>PIN 3: blue</p> <p>PIN 4: black</p> | <p>I</p> <p>PIN 1: brown</p> <p>PIN 2: white</p> <p>PIN 3: blue</p> <p>PIN 4: black</p> <p>PIN 5: not used</p> |
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Wiring Diagrams

