

### Basic features

Application	Welding area
Approval/Conformity	CE cULus WEEE

### Electrical connection

Bending radius min., fixed cable	10 x D
Bending radius min., flexible cable	15 x D
Cable	Silicone welding spark resistant black, 1 m
Cable diameter D	5.70 mm ±0.25 mm
Conductor cross-section	0.34 mm <sup>2</sup>
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

### Environmental conditions

Cable temperature UL max., fixed routing	150 °C
Cable temperature UL max., flexible routing	150 °C
Cable temperature, fixed routing	-40...200 °C
Cable temperature, flexible routing	-25...200 °C
IP rating	IP65/IP65

### Interface

Switching output	Complementary
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### Material

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

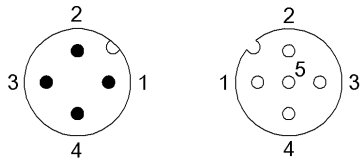
### Mechanical data

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

Remarks

Cable construction acc. to UL-AWM Style 4535  
 Halogen-free per IEC 60754  
 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.

Connector Drawings



II	I
PIN 1: brown	PIN 1: brown
PIN 2: white	PIN 2: white
PIN 3: blue	PIN 3: blue
PIN 4: black	PIN 4: black
	PIN 5: not used

Wiring Diagrams (Schematic)

