



## 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, 3 m
Cable diameter D	5.70 mm ±0.25 mm
Conductor cross-section	0.34 mm <sup>2</sup>
Connection	M12x1-Female, straight, 5-pin, A- coded
Connector configuration	Straight
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

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.

## 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

## Interface

Switching output	Complementary
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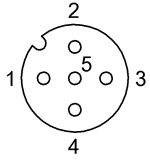
## Material

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

## Mechanical data

Cable jacket, color	black
Cable length L	3.00 m
Tightening torque pigtail	0.6 Nm

## Connector Drawings



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

## Wiring Diagrams

