

### Basic features

Application	Welding area
Approval/Conformity	CE cULus WEEE

### Display/Operation

Function indicator (Pin 4)	LED yellow
Power indicator	Green LED

### Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	15 x D
Cable	FEP welding spark resistant black, 2 m
Cable diameter D	3.75 mm ±0.25 mm
Conductor cross-section	0.34 mm <sup>2</sup>
Connection	M8x1-Female, straight, 3-pin, A- coded
Connector configuration	Straight
Number of conductors	3
Number of pins	3
System	Molded

### Electrical data

Operating voltage U <sub>b</sub>	30 VDC
Rated current (40 °C)	4.0 A

### Environmental conditions

Cable temperature, fixed routing	-100...200 °C
Connector 01, temperature max.	100 °C
IP rating	IP65

### Material

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

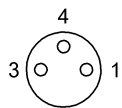
### Mechanical data

Cable jacket, color	black
Cable length L	2.00 m
Tightening torque pigtail	0.4 Nm

### Remarks

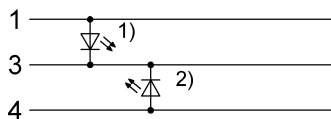
Cable construction acc. to UL-AWM Style 2749  
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.  
 Flame-retarding  
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

## Connector Drawings



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

## Wiring Diagrams



1) Green LED = Power  
2) Yellow LED = Function