

### Basic features

<b>Application</b>	Welding area
<b>Approval/Conformity</b>	CE cULus WEEE

### Electrical connection

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

### Electrical data

<b>Operating voltage U<sub>b</sub></b>	60 VDC / 60 VAC
<b>Rated current (40 °C)</b>	4.0 A

### Environmental conditions

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

### Material

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

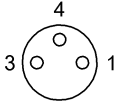
### Mechanical data

<b>Cable jacket, color</b>	black
<b>Cable length L</b>	2.00 m
<b>Tightening torque pigtail</b>	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

