

## Basic features

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

## Display/Operation

<b>Function indicator (Pin 4)</b>	LED yellow
<b>Power indicator</b>	Green LED

## 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, 5 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, angled, 3-pin, A- coded
<b>Connector configuration</b>	right-angle
<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>	30 VDC
<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

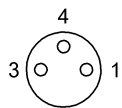
## Mechanical data

<b>Cable jacket, color</b>	black
<b>Cable length L</b>	5.00 m
<b>Tightening torque pigtail</b>	0.4 Nm

## Remarks

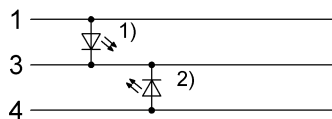
Cable construction acc. to UL-AWM Style 2749  
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.  
 Flame-retarding  
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

## Connector Drawings



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

## Wiring Diagrams



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