

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, 5 m |
| Cable diameter D | 4.10 mm ±0.30 mm |
| Conductor cross-section | 0.34 mm ² |
| Connection | M8x1-Female, angled, 4-pin, A- coded |
| Connector configuration | right-angle |
| Number of conductors | 4 |
| Number of pins | 4 |
| System | Molded |

Electrical data

| | |
|-------------------------|--------|
| Operating voltage U_b | 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 |

Interface

| | |
|------------------|---------------|
| Switching output | Complementary |
|------------------|---------------|

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 |

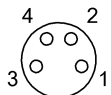
Mechanical data

| | |
|---------------------------|--------|
| Cable jacket, color | black |
| Cable length L | 5.00 m |
| Tightening torque pigtail | 0.4 Nm |

Remarks

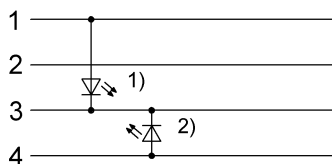
Cable construction acc. to UL-AWM Style 2749
Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.
Flame-retarding
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams



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