

Basic features

| | |
|----------------------------|---------------------|
| Application | Welding area |
| Approval/Conformity | CE cULus WEEE |

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 | 3.75 mm ±0.25 mm |
| Conductor cross-section | 0.34 mm ² |
| 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_b | 60 VDC / 60 VAC |
| 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 |

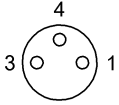
Mechanical data

| | |
|----------------------------------|--------|
| Cable jacket, color | black |
| Cable length L | 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 3: blue

PIN 4: black

Wiring Diagrams

