

Basic features

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

Display/Operation

| | |
|----------------------------|--------------|
| Function indicator (Pin 2) | LED white |
| Function indicator (Pin 4) | LED yellow |
| Power indicator | LED green/no |

Electrical connection

| | |
|-------------------------------------|--|
| Bending radius min., fixed cable | 10 x D |
| Bending radius min., flexible cable | 15 x D |
| Cable | Silicone welding spark resistant black, 0.3 m |
| Cable diameter D | 5.70 mm ±0.25 mm |
| Conductor cross-section | 0.34 mm ² |
| Connection 1 | M12x1-Female, angled, 5-pin, A-coded |
| Connection 2 | M12x1-Male, straight, 4-pin, A-coded |
| Number of conductors | 4 |
| System | Molded/Molded |

Electrical data

| | |
|-----------------------|--------|
| Operating voltage Ub | 30 VDC |
| Rated current (40 °C) | 4.0 A |

Environmental conditions

| | |
|---|--------------|
| Cable temperature UL max., fixed routing | 150 °C |
| Cable temperature UL max., flexible routing | 150 °C |
| Cable temperature, fixed routing | -40...200 °C |
| Cable temperature, flexible routing | -25...200 °C |
| IP rating | IP65/IP65 |

Interface

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

Material

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

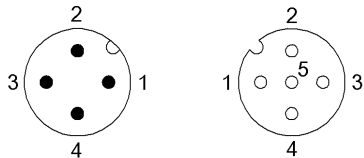
Mechanical data

| | |
|---------------------------|---------------|
| Cable jacket, color | black |
| Cable length L | 0.30 m |
| Tightening torque pigtail | 0.6 Nm/0.6 Nm |

Remarks

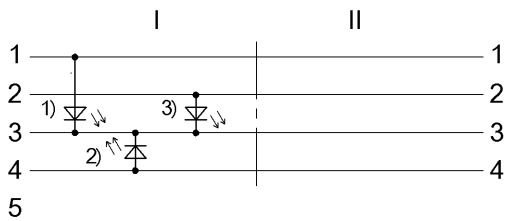
Cable construction acc. to UL-AWM Style 4535
 Halogen-free per IEC 60754
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



- | | |
|---|---|
| <p>II</p> <p>PIN 1: brown</p> <p>PIN 2: white</p> <p>PIN 3: blue</p> <p>PIN 4: black</p> | <p>I</p> <p>PIN 1: brown</p> <p>PIN 2: white</p> <p>PIN 3: blue</p> <p>PIN 4: black</p> <p>PIN 5: not used</p> |
|---|---|

Wiring Diagrams



- 1) Green LED = Power
- 2) Yellow LED = Function
- 3) LED white = Function