

### Basic features

|                     |                     |
|---------------------|---------------------|
| Application         | Welding area        |
| Approval/Conformity | CE<br>cULus<br>WEEE |

### Electrical connection

|                                     |  |
|-------------------------------------|--|
| Bending radius min., fixed cable    | 10 x D   |
| Bending radius min., flexible cable | 15 x D   |
| Cable                               | Silicone welding spark resistant<br>black, 4 m |
| Cable diameter D                    | 5.70 mm ±0.25 mm                               |
| Conductor cross-section             | 0.34 mm <sup>2</sup>                           |
| 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 U <sub>b</sub> | 250 VDC / 250 VAC |
| 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

|                  |               |
|------------------|---------------|
| 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<br>PTFE coated/Brass<br>PTFE coated |
| Material grip               | PUR, special/PUR, special                 |

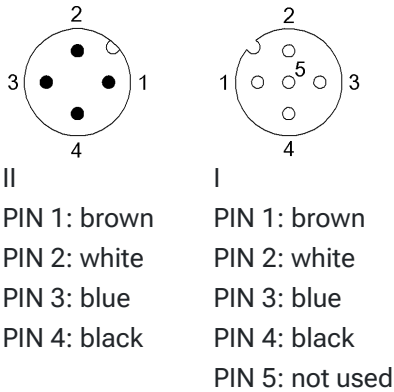
### Mechanical data

|                           |               |
|---------------------------|---------------|
| Cable jacket, color       | black         |
| Cable length L            | 4.00 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**



**Wiring Diagrams**

