



Basic features

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|----------------------------|--------------|
| Application | Welding area |
| Approval/Conformity | EAC WEEE |

Environmental conditions

| | |
|--|--------------|
| Cable temperature, fixed routing | -50...130 °C |
| Cable temperature, flexible routing | -40...125 °C |
| Protection degree | IP65/IP65 |

Electrical connection

| | |
|--|--|
| Bending radius min., fixed cable | 8 x D |
| Bending radius min., flexible cable | 15 x D |
| Cable | TPE welding spark resistant gray, 0.3 m |
| Cable diameter D | 4.80 mm ±0.20 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 |

Material

| | |
|------------------------------------|---|
| Cable jacket material, note | welding spark resistant |
| Cable jacket, material | TPE |
| 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 |

Electrical data

| | |
|--|-------------------|
| Operating voltage U_b | 250 VDC / 250 VAC |
| Rated current (40 °C) | 4.0 A |

Mechanical data

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

Output/Interface

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

Remarks

Flame-retarding
 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



- | | |
|--------------|--------------|
| II | I |
| PIN 1: brown | PIN 1: brown |
| PIN 2: white | PIN 2: white |
| PIN 3: blue | PIN 3: blue |
| PIN 4: black | PIN 4: black |
| | PIN 5: n.c. |

Wiring Diagrams

