

Electrical connection

| | |
|----------------------------------|---------------------------------------|
| Bending radius min., fixed cable | 5 x D |
| Cable | PVC Shielded gray, 5.00 m |
| Cable diameter D | 5.00 mm ±0.10 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 UL max., fixed routing | 80 °C |
| Cable temperature, fixed routing | -20...105 °C |
| IP rating | IP67 |

Remarks

Cable construction acc. to UL-AWM Style 2517
 Silicone-free
 Flame resistance acc. to FT1
 360° shield on cover nut
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

General data

| | |
|---------------------|-------------------|
| Approval/Conformity | CE EAC WEEE |
|---------------------|-------------------|

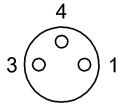
Material

| | |
|-----------------------------|--------------------------|
| Cable jacket material, note | Shielded |
| Cable jacket, material | PVC |
| Cable shield | Copper braid, tin-plated |
| Material contact carrier | PUR |
| Material contacts | Bronze |
| Material cover nut | Brass nickel plated |
| Material grip | PUR |

Mechanical data

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

Connector Drawings

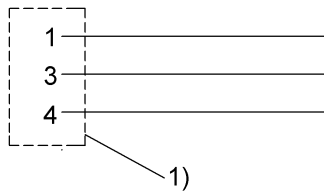


PIN 1: brown

PIN 3: blue

PIN 4: black

Wiring Diagrams



1) Shield on cover nut