

Basic features

| | |
|---------------------|-------------------------------|
| Application | very good mechanical strength |
| Approval/Conformity | CE cULus WEEE |

Electrical connection

| | |
|-------------------------------------|---------------------------------------|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | PUR black, 0.6 m |
| Cable diameter D | 4.80 mm ±0.20 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 |
| Protection jacket color | silver |
| System | Molded |

Electrical data

| | |
|-------------------------|-----------------|
| Operating voltage U_b | 60 VDC / 60 VAC |
| Rated current (40 °C) | 4.0 A |

Remarks

Cable construction acc. to UL-AWM Style 20549
 Halogen-free per DIN VDE 0472 Part 815
 Flame resistance per UL FT2
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Environmental conditions

| | |
|---|-------------|
| Cable temperature UL max., fixed routing | 80 °C |
| Cable temperature UL max., flexible routing | 80 °C |
| Cable temperature, fixed routing | -50...90 °C |
| Cable temperature, flexible routing | -25...90 °C |
| IP rating | IP65 |

Interface

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

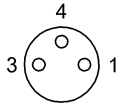
Material

| | |
|--------------------------|----------------------|
| Cable jacket, material | PUR |
| Jacket material | V2A |
| 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 | 0.60 m |
| Tightening torque pigtail | 0.4 Nm |

Connector Drawings



PIN 1: brown

PIN 3: blue

PIN 4: black

Wiring Diagrams

