

Electrical connection

| | |
|-------------------------------------|------------------------------------------------------|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | PUR Shielded black, 5.00 m, Drag chain compatible |
| Cable diameter D | 6.00 mm ±0.15 mm |
| Cable, bending cycles min. | 2 million |
| Conductor cross-section | 0.25 mm ² |
| Connector 01, version | angled |
| Number of conductors | 8 |
| Number of pins | 8 |
| System | Molded |

Electrical data

| | |
|-------------------------|-----------------|
| Operating voltage U_b | 60 VDC / 60 VAC |
| Rated current (40 °C) | 2.0 A |

Environmental conditions

| | |
|-------------------------------------|-------------|
| Cable temperature, drag chain | -25...60 °C |
| Cable temperature, fixed routing | -50...80 °C |
| Cable temperature, flexible routing | -25...80 °C |
| IP rating per IEC 60529 | IP68 |

General data

| | |
|---------------------|-------------|
| Approval/Conformity | CE cULus |
|---------------------|-------------|

Material

| | |
|--------------------------|---------------|
| Cable jacket, material | PUR |
| Jacket material, note | Shielded |
| Material contact carrier | PUR |
| Material contacts | Bronze |
| Material cover nut | Die-cast zinc |
| Material grip | PUR |

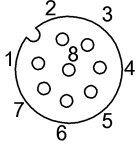
Mechanical data

| | |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain | 5 m/s ² |
| Cable jacket, color | black |
| Cable length | 5.00 m |
| Cable properties | Drag chain compatible |
| Horizontal travel permitted, drag chain | 5 m |
| Tightening torque pigtail | 0.6 Nm |
| Traverse speed max., drag chain | 200 m/min |
| Vertical travel permitted, drag chain | 2 m |

Remarks

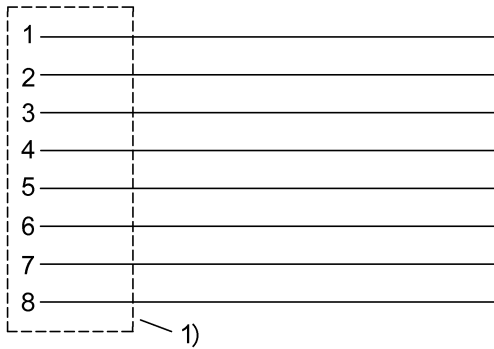
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
 Cable construction acc. to UL-AWM Style 20549
 Halogen-free per DIN VDE 0472 Part 815
 Silicone-free
 Flame resistance per UL FT2

Connector view



PIN 1: white PIN 2: brown PIN 3: green PIN 4:
yellow PIN 5: gray PIN 6: pink PIN 7: blue PIN 8:
red

Wiring Diagram



1) Shield on cover nut