

Basic features

| | |
|---------------------|-------------------|
| Approval/Conformity | CE WEEE |
| Base type deviation | C033: Grip yellow |

Electrical connection

| | |
|-------------------------------------|---|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | PUR Yellow, 15 m, drag chain compatible |
| Cable diameter D | 6.00 mm ±0.20 mm |
| Cable, bending cycles min. | 2 mil. |
| Conductor cross-section | 0.25 mm ² |
| Connection | M8x1-Female, angled, 8-pin, A-coded |
| Connector configuration | right-angle |
| Number of conductors | 8 |
| Number of pins | 8 |
| System | Molded |

Electrical data

| | |
|-------------------------|-----------------|
| Operating voltage U_b | 30 VDC / 30 VAC |
| Rated current (40 °C) | 2.0 A |

Remarks

Cable construction acc. to UL-AWM Style 20549
 Halogen-free per DIN VDE 0472 Part 815
 Silicone-free
 Flame resistance per IEC 60332-2-2
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

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 | IP67, IP69K |

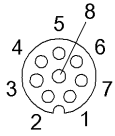
Material

| | |
|--------------------------|--------------------------------------|
| Cable jacket, material | PUR |
| Material contact carrier | PUR |
| Material contacts | Bronze |
| Material cover nut | Die-cast zinc or nickel plated brass |
| Material grip | PUR |

Mechanical data

| | |
|---|-----------------------|
| Acceleration max., drag chain | 5 m/s ² |
| Cable jacket, color | Yellow |
| Cable length L | 15.00 m |
| Cable properties | drag chain compatible |
| Horizontal travel permitted, drag chain | 5 m |
| Tightening torque pigtail | 0.4 Nm |
| Traverse speed max., drag chain | 200 m/min |
| Vertical travel permitted, drag chain | 2 m |

Connector Drawings



- 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 Diagrams

