



Basic features

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

Electrical connection

| | |
|-------------------------------------|--|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | TPE Yellow, 0.3 m, drag chain compatible |
| Cable diameter D | 5.30 mm ±0.13 mm |
| Cable, bending cycles min. | 10 mil. |
| Conductor cross-section | 22 AWG |
| Connection 1 | M8x1-Female, straight, 3-pin, A-coded |
| Connection 2 | M8x1-Male, straight, 3-pin, A-coded |
| Number of conductors | 3 |
| System | Molded/Molded |

Electrical data

| | |
|-----------------------------|-----------------|
| Cable rated voltage AC max. | 300 V |
| Cable rated voltage DC max. | 300 V |
| Operating voltage Ub | 60 VDC / 60 VAC |
| Rated current (40 °C) | 4.0 A |

Remarks

Cable construction acc. to UL-AWM Style 20327
 Flame resistance acc. to IEC 332-2
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Environmental conditions

| | |
|-------------------------------------|-------------------------|
| Cable temperature, fixed routing | -50...105 °C |
| Cable temperature, flexible routing | -25...105 °C |
| IP rating | IP67, IP69K/IP67, IP69K |

Material

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

Mechanical data

| | |
|---------------------------|-----------------------|
| Cable jacket, color | Yellow |
| Cable length L | 0.30 m |
| Cable properties | drag chain compatible |
| Tightening torque pigtail | 0.4 Nm/0.4 Nm |

Connector Drawings



| | |
|--------------|--------------|
| II | I |
| PIN 1: brown | PIN 1: brown |
| PIN 3: blue | PIN 3: blue |
| PIN 4: black | PIN 4: black |

Wiring Diagrams

