

Basic features

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

Electrical connection

| | |
|-------------------------------------|---------------------------------------|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | PVC gray, 20 m, drag chain compatible |
| Cable diameter D | 4.50 mm ±0.15 mm |
| Cable, bending cycles min. | 2 mil. |
| Conductor cross-section | 0.34 mm ² |
| Connection | M12x1-Male, Straight, 3-pin, A-coded |
| Connector configuration | Straight |
| Number of conductors | 3 |
| Number of pins | 3 |
| System | Molded |

Electrical data

| | |
|----------------------------------|-------------------|
| Operating voltage U _b | 250 VDC / 250 VAC |
| Rated current (40 °C) | 4.0 A |

Environmental conditions

| | |
|---|-------------------|
| Cable temperature UL max., fixed routing | 80 °C |
| Cable temperature UL max., flexible routing | 80 °C |
| Cable temperature, drag chain | -5...60 °C |
| Cable temperature, fixed routing | -40...105 °C |
| Cable temperature, flexible routing | -5...105 °C |
| IP rating | IP67, IP68, IP69K |

Material

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|--------------------------|---------------|
| Cable jacket, material | PVC |
| Material contact carrier | PUR |
| Material contacts | Brass |
| Material cover nut | Die-cast zinc |
| Material grip | PUR |

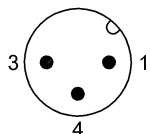
Mechanical data

| | |
|---|-----------------------|
| Acceleration max., drag chain | 5 m/s ² |
| Cable jacket, color | gray |
| Cable length L | 20.00 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

Cable construction acc. to UL-AWM Style 2517
 Silicone-free
 Flame resistance per IEC 60332-1-2
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: brown
PIN 3: blue
PIN 4: black

Wiring Diagrams

