

4MT5
(CYJV CABLE ASSEMBLY)

Basic features

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

Electrical connection

| | |
|-------------------------------------|--|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | PUR Shielded black, 2 m, Drag chain compatible |
| Cable diameter D | 4.60 mm ±0.10 mm |
| Cable, bending cycles min. | 2 million |
| Conductor cross-section | 0.34 mm ² |
| Connection | M12x1-Male, right-angle, 3-pin, A-coded |
| Connector configuration | right-angle |
| 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, drag chain | -25...60 °C |
| Cable temperature, fixed routing | -50...80 °C |
| Cable temperature, flexible routing | -25...80 °C |
| Protection degree | IP67 |

Material

| | |
|-----------------------------|--------------------------|
| Cable jacket material, note | Shielded |
| Cable jacket, material | PUR |
| Cable shield | Copper braid, tin-plated |
| Material contact carrier | PUR |
| Material contacts | Brass |
| Material cover nut | Brass nickel plated |
| Material grip | PUR |

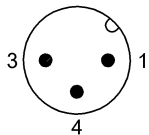
Mechanical data

| | |
|---|-----------------------|
| Acceleration max., drag chain | 5 m/s ² |
| Cable jacket, color | black |
| Cable length L | 2.00 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

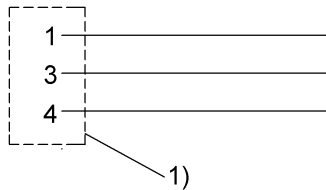
Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame resistance per UL FT2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams



1) Shield on cover nut