

4MT5
(CYJV CABLE ASSEMBLY)



Basic features

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

Electrical connection

| | |
|-------------------------------------|--|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | PVC gray, 20.00 m, Drag chain compatible |
| Cable diameter D | 6.00 mm ±0.20 mm |
| Cable, bending cycles min. | 2 million |
| Conductor cross-section | 0.25 mm ² |
| Connection | M12x1-Female, Straight, 8-pin, A-coded |
| Connector configuration | Straight |
| 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 |

Environmental conditions

| | |
|-------------------------------------|-------------------|
| Cable temperature, drag chain | -5...60 °C |
| Cable temperature, fixed routing | -40...105 °C |
| Cable temperature, flexible routing | -5...105 °C |
| Protection degree | IP67, IP68, IP69K |

Material

| | |
|--------------------------|--------------------------|
| Cable jacket, material | PVC |
| Material contact carrier | PUR |
| Material contacts | Bronze |
| Material cover nut | Stainless steel (1.4404) |
| 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 |

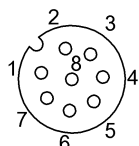
Output/Interface

| | |
|------------------|---------------|
| Switching output | Complementary |
|------------------|---------------|

Remarks

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

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

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____