



4MT5
(CYJV CABLE ASSEMBLY)



Basic features

Approval/Conformity	CE cULus EAC WEEE
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Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded black, 25.00 m, Drag chain compatible
Cable diameter D	4.80 mm ±0.15 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.25 mm ²
Connection	M12x1-Female, Straight, 5-pin, A- coded
Connector configuration	Straight
Number of conductors	5
Number of pins	5
System	Molded

Electrical data

Operating voltage U_b	60 VDC / 60 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
Material contact carrier	PUR
Material contacts	Bronze
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	25.00 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

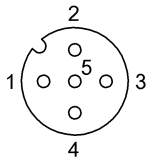
Output/Interface

Switching output	Complementary
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Remarks

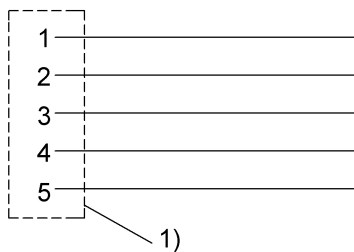
Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame resistance per UL FT2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: gray

Wiring Diagrams



1) Shield on cover nut