

4MT5
(CYJV CABLE ASSEMBLY)



Basic features

Approval/Conformity	CE cULus EAC Ecolab WEEE
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Display/Operation

Function indicator (Pin 4)	LED yellow
Power indicator	Green LED

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 3.00 m, Drag chain compatible
Cable diameter D	4.30 mm ±0.20 mm
Cable, bending cycles min.	5 million
Conductor cross-section	0.34 mm ²
Connection	M12x1-Female, right-angle, 5-pin, A-coded
Connector configuration	right-angle
Number of conductors	3
Number of pins	5
System	Molded

Electrical data

Operating voltage U _b	30 VDC
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	-25...60 °C
Cable temperature, fixed routing	-50...90 °C
Cable temperature, flexible routing	-25...90 °C
Protection degree	IP67, IP68, IP69K

Material

Cable jacket, material	PUR
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	black
Cable length L	3.00 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	5 m

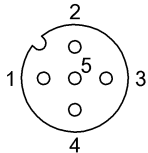
Output/Interface

Switching output	PNP normally open (NO)
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Remarks

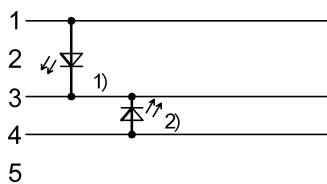
Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame resistance acc. to IEC 60332-2
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams



1) Green LED = Power
2) Yellow LED = Function