

Display/Operation

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

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 2.00 m, Drag chain compatible
Cable diameter D	4.70 mm ±0.20 mm
Cable, bending cycles min.	5 million
Conductor cross-section	0.34 mm ²
Connector O1, version	angled
Number of conductors	4
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, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...90 °C
Cable temperature, flexible routing	-25...90 °C
IP rating per IEC 60529	IP68

Functional safety

Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C

General data

Approval/Conformity	CE cULus
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Material

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

Mechanical data

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

Output/Interface

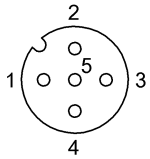
Switching output	PNP Normally open/Normally closed (NO/NC) (antivalent)
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Remarks

Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free

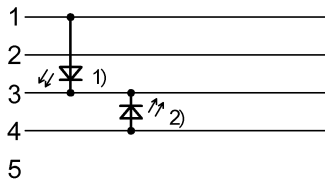
Flame-retarding acc. to IEC 60332-2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector view



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

Wiring Diagram



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