

Basic features

Approval/Conformity	CE 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 black, 0.35 m, drag chain compatible
Cable diameter D	3.50 mm ±0.10 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.14 mm ²
Connection	M12x1-Male, straight, 4-pin, A-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	4
System	Molded

Electrical data

Operating voltage Ub	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, fixed routing	-25...80 °C
Cable temperature, flexible routing	-5...80 °C
IP rating	IP67, IP68, IP69K

Interface

Switching output	Complementary
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Material

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

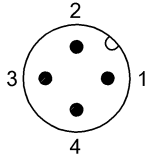
Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	0.35 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

Remarks

Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

Wiring Diagrams

