

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, 0.3 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 1	M5x0.5-Female, straight, 4-pin
Connection 2	M12x1-Male, straight, 4-pin, A-coded
Number of conductors	4
System	Molded/Molded

Electrical data

Operating voltage Ub	60 VDC / 60 VAC
Rated current (40 °C)	1.0 A

Environmental conditions

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

Remarks

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

Interface

Switching output	Complementary
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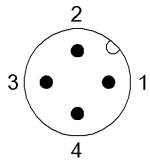
Material

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

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	0.30 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

Connector Drawings



II

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



I

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

Wiring Diagrams

