

## Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	Drag chain compatible
Cable diameter D	3.50 mm ±0.10 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.14 mm <sup>2</sup>
Connection 1	M5x0.5-Female, 4-pole
Connection 2	M12x1-Male, 4-pole, A-coded
Connector 01, orientation	straight
Connector 02, orientation	straight
Number of conductors	4
Number of pins	4/4
System	Molded/Molded

## Electrical data

Operating voltage U <sub>b</sub>	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
Protection type IEC 60529	IP67 /IP68

## General data

Approval/Conformity	CE
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## Material

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

## Mechanical data

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

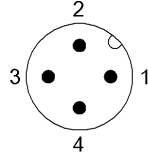
## Remarks

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

## Connector view



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



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

## Wiring Diagram

