

### Basic features

Approval/Conformity	EAC 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 Shielded black, 0.30 m, Drag chain compatible
Cable diameter D	4.70 mm ±0.15 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.34 mm <sup>2</sup>
Connection 1	M12x1-Male, 4-pole, A-coded
Connection 2	M12x1-Male, 4-pole, A-coded
Number of conductors	4
System	Molded/Molded

### Electrical data

Operating voltage U <sub>b</sub>	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

### Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
Protection degree	IP68/IP68

### Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Copper braid, tin-plated
Material contact carrier	PUR/PUR
Material contacts	Brass/Brass
Material cover nut	Brass nickel plated/Brass nickel plated
Material grip	PUR/PUR

### Mechanical data

Acceleration max., drag chain	5 m/s <sup>2</sup>
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/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

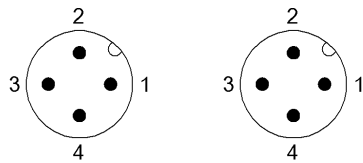
### Output/Interface

Switching output	Complementary
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## Remarks

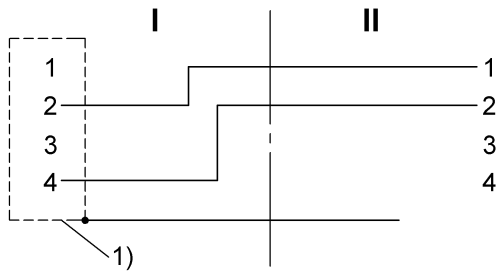
Cable construction acc. to UL-AWM Style 20549  
Halogen-free per DIN VDE 0472 Part 815  
Silicone-free  
Flame resistance per UL FT2  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.  
360° shield on cover nut

## Connector Drawings



I	II
PIN 1: brown	PIN 1: white
PIN 2: white	PIN 2: black
PIN 3: blue	PIN 3: n.c.
PIN 4: black	PIN 4: n.c.

## Wiring Diagrams



1) Shield on cover nut