

### Basic features

Approval/Conformity	CE WEEE
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### Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 2 m, drag chain compatible
Cable diameter D	8.00 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Conductor cross-section	1.5 mm <sup>2</sup>
Connection	M12x1-Female, straight, 4-pin, T-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	4
System	Molded

### Electrical data

Operating voltage U <sub>b</sub>	63 VDC / 63 VAC
Rated current (40 °C)	12.0 A

### Remarks

Cable construction acc. to UL-AWM Style 20234  
 Halogen-free  
 Silicone-free  
 Flame-retarding  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

### Environmental conditions

Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-20...80 °C
IP rating	IP67, IP68, IP69K

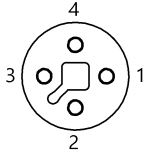
### Material

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 <sup>2</sup>
Cable jacket, color	black
Cable length L	2.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	20 m
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	300 m/min

## Connector Drawings



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

## Wiring Diagrams

