

Basic features

Approval/Conformity	CE cULus 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 black, 0.60 m, Drag chain compatible
Cable diameter D	6.00 mm ±0.20 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.25 mm ²
Connection 1	M12x1-Female, straight, 8-pin, A-coded
Connection 2	M12x1-Male, straight, 12-pin, A-coded
Number of conductors	8
System	Molded/Molded

Electrical data

Operating voltage U _b	30 VDC / 30 VAC
Rated current (40 °C)	1.5 A

Remarks

Cable construction acc. to UL-AWM Style 20549
 Halogen-free per DIN VDE 0472 Part 815
 Silicone-free
 Flame-retarding acc. to IEC 60332-2
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

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	IP67, IP68, IP69K/IP67, IP68, IP69K

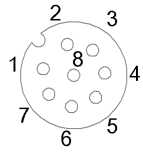
Material

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

Mechanical data

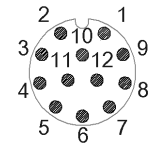
Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	0.60 m
Cable properties	Drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Connector Drawings



I

- PIN 1: white
- PIN 2: green
- PIN 3: yellow
- PIN 4: gray
- PIN 5: brown
- PIN 6: n.c.
- PIN 7: blue
- PIN 8: n.c.



II

- PIN 1: brown
- PIN 2: blue
- PIN 3: white
- PIN 4: green
- PIN 5: yellow
- PIN 6: gray
- PIN 7: n.c.
- PIN 8: n.c.
- PIN 9: n.c.
- PIN 10: n.c.
- PIN 11: n.c.
- PIN 12: n.c.

Wiring Diagrams

