

Basic features

Approval/Conformity	CE 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, 50.00 m, Drag chain compatible
Cable diameter D	6.00 mm ±0.15 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.25 mm ²
Connection	M16x0.75-Female, Straight, 8-pin
Connector configuration	Straight
Number of conductors	8
Number of pins	8
System	assembled

Electrical data

Conductor construction	4x2 twisted-pair
Operating voltage Ub	60 VDC / 60 VAC
Rated current (40 °C)	5.0 A

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.

Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67

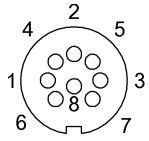
Material

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

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	50.00 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	2 m

Connector Drawings



- PIN 1: yellow
- PIN 2: gray
- PIN 3: pink
- PIN 4: red
- PIN 5: green
- PIN 6: blue
- PIN 7: brown
- PIN 8: white

Wiring Diagrams

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____