

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded black, 20.00 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
Connector 01, version	straight
Number of conductors	8
Number of pins	8
System	assembled

Electrical data

Conductor construction	4x2 twisted-pair
Operating voltage U _b	undefined
Rated current (40 °C)	5.0 A

Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating per IEC 60529	IP67

General data

Approval/Conformity	CE
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Material

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

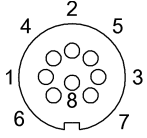
Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length	20.00 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

Remarks

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

Connector view



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 Diagram

