

Basic features

Approval/Conformity	CE WEEE
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Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable diameter D	5.00 mm ±0.50 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.50 mm ²
Connection 1	M12x1-Male, straight, 5-pin, A-coded
Connection 2	open cable end
Connection 3	open cable end
Connector 01, version	straight
Number of conductors	3/3
Number of pins	5
System	Molded

Electrical data

Operating voltage Ub	125 VDC / 125 VAC
Rated current (40 °C)	4.0 A

Remarks

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

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, IP68, IP69K

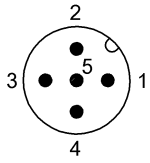
Material

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

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	5.00 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



Wiring Diagrams

