

Basic features

Approval/Conformity	cULus
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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, 5 m, Drag chain compatible
Cable diameter D	4.70 mm ±0.20 mm
Cable, bending cycles min.	5 million
Conductor cross-section	0.34 mm ²
Connection	M12x1-Female, straight, 4-pin, A-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	4
System	Molded

Electrical data

Operating voltage U _b	240 VDC
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Environmental conditions

Ambient temperature	-25...80 °C
Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...90 °C
Cable temperature, flexible routing	-25...90 °C

Material

Cable jacket, material	PUR
Material contact carrier	PUR self-extinguishing
Material contacts	Bronze
Material cover nut	Brass nickel plates
Material grip	TPU self-extinguishing

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	5 m

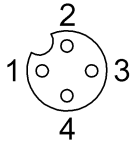
Output/Interface

Switching output	Complementary
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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, only in screwed state with the associated mating piece.

Connector Drawings



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