



Basic features

Approval/Conformity	CE cULus WEEE
Base type deviation	C033: Grip yellow

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Yellow, 4 m, drag chain compatible
Cable diameter D	4.70 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Cable, torsion stress	±180°/m
Conductor cross-section	0.34 mm ²
Connection 1	M12x1-Female, straight, 5-pin, A-coded
Connection 2	M12x1-Male, straight, 4-pin, A-coded
Number of conductors	4
System	Molded/Molded

Electrical data

Operating voltage U _b	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67, IP68, IP69K/IP67, IP68, IP69K

Interface

Switching output	Complementary
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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

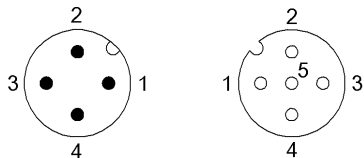
Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	Yellow
Cable length L	4.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min

Remarks

Cable construction acc. to UL-AWM Style 20233
 Halogen-free acc. to EN 50267-2-1
 Silicone-free
 Flame resistance acc. to IEC 60332-2-2, UL 1581, FT 1
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



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|---|---|
| <p>II</p> <p>PIN 1: brown</p> <p>PIN 2: white</p> <p>PIN 3: blue</p> <p>PIN 4: black</p> | <p>I</p> <p>PIN 1: brown</p> <p>PIN 2: white</p> <p>PIN 3: blue</p> <p>PIN 4: black</p> <p>PIN 5: not used</p> |
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Wiring Diagrams

