



## Basic features

Approval/Conformity	CE cULus WEEE
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## Display/Operation

Function indicator (Pin 4)	LED yellow
Power indicator	LED green/no

## Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 0.6 m, drag chain compatible
Cable diameter D	4.30 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Cable, torsion stress	±180°/m
Conductor cross-section	0.34 mm <sup>2</sup>
Connection 1	M8x1-Female, straight, 3-pin, A-coded
Connection 2	M8x1-Male, straight, 3-pin, A-coded
Number of conductors	3
System	Molded/Molded

## Electrical data

Operating voltage $U_b$	30 VDC
Rated current (40 °C)	4.0 A

## Environmental conditions

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
IP rating	IP67, IP69K/IP67, IP69K

## Interface

Switching output	PNP normally open (NO)
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## Material

Cable jacket, material	PUR
Material contact carrier	PUR/PUR
Material contacts	Bronze/Brass
Material cover nut	Die-cast zinc or nickel plated brass/Die-cast zinc or nickel plated brass
Material grip	PUR/PUR

Double-Ended Cordsets  
**BCC M313-M313-30-602-PX0334-006**  
**Order Code: BCC0AZC**



**Mechanical data**

<p><b>Acceleration max., drag chain</b>      5 m/s<sup>2</sup></p> <p><b>Cable jacket, color</b>                    black</p> <p><b>Cable length L</b>                            0.60 m</p> <p><b>Cable properties</b>                         drag chain compatible</p>	<p><b>Horizontal travel permitted, drag chain</b>      5 m</p> <p><b>Tightening torque pigtail</b>                    0.4 Nm/0.4 Nm</p> <p><b>Traverse speed max., drag chain</b>            200 m/min</p> <p><b>Vertical travel permitted, drag chain</b>      5 m</p>
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**Remarks**

Cable construction acc. to UL-AWM Style 20549  
 Halogen-free per DIN VDE 0472 Part 815  
 Silicone-free  
 Flame resistance acc. to IEC 60332-2  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

### Connector Drawings

II

PIN 1: brown

PIN 3: blue

PIN 4: black

I

PIN 1: brown

PIN 3: blue

PIN 4: black

### Wiring Diagrams

1) Green LED = Power  
 2) Yellow LED = Function