

### 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, 1.5 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 <sub>b</sub>	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-PX0334-015**  
**Order Code: BCC0AZF**



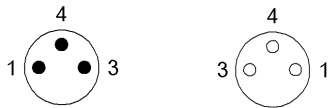
**Mechanical data**

<p>Acceleration max., drag chain      5 m/s<sup>2</sup></p> <p>Cable jacket, color                      black</p> <p>Cable length L                              1.50 m</p> <p>Cable properties                            drag chain compatible</p>	<p>Horizontal travel permitted, drag chain      5 m</p> <p>Tightening torque pigtail                      0.4 Nm/0.4 Nm</p> <p>Traverse speed max., drag chain              200 m/min</p> <p>Vertical travel permitted, drag chain        5 m</p>
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**Remarks**

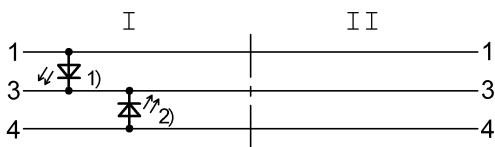
Cable construction acc. to UL-AWM Style 20549  
 Halogen-free per DIN VDE 0472 Part 815  
 Silicone-free  
 Flame resistance acc. to IEC 60332-2  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**



<p>II</p> <p>PIN 1: brown</p> <p>PIN 3: blue</p> <p>PIN 4: black</p>	<p>I</p> <p>PIN 1: brown</p> <p>PIN 3: blue</p> <p>PIN 4: black</p>
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**Wiring Diagrams**



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