

### Basic features

Approval/Conformity	CE
	EAC
	WEEE

### Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 1.50 m, Drag chain compatible
Cable diameter D	4.60 mm ±0.20 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.50 mm <sup>2</sup>
Connection 1	B, Ind.-180°-Female, angled, 3-pin
Connection 2	M12x1-Male, straight, 3-pin, A-coded
Number of conductors	3
System	Molded/Molded

### Electrical data

Operating voltage U <sub>b</sub>	24 VDC / 24 VAC
Rated current (40 °C)	4.0 A
Suppressor	Suppressor diode

### Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
Protection degree	IP67/IP67, IP69K

### Material

Cable jacket, material	PUR
Material contact carrier	PBT/TPU
Material contacts	Brass/Bronze
Material cover nut	Brass nickel plated
Material grip	PUR/PUR
Material locking screw	Steel

Double-Ended Cordsets  
**BCC VB63-M413-3E-666-PX0350-015**  
**Order Code: BCC0659**



**Mechanical data**

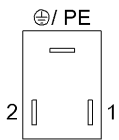
Acceleration max., drag chain	5 m/s <sup>2</sup>
Cable jacket, color	black
Cable length L	1.50 m
Cable properties	Drag chain compatible

Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.5 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

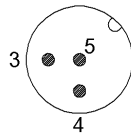
**Remarks**

Cable construction acc. to UL-AWM Style 20549  
 Halogen-free acc. to EN 50267-2-1  
 Silicone-free  
 Flame resistance per IEC 60332-2-2  
 \* style B industry standard  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**



I  
 PIN 1: brown  
 PIN 2: blue  
 PIN PE: green/yellow



II  
 PIN 3: blue  
 PIN 4: brown  
 PIN 5: green/yellow

**Wiring Diagrams**

