

## Basic features

Approval/Conformity	CE WEEE
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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	4.60 mm ±0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.50 mm <sup>2</sup>
Connection 1	A, DIN-0°/180°-Valve connector, angled, 4-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
IP rating	IP67/IP67, IP69K

## Material

Cable jacket, material	PUR
Material contact carrier	PA 6.6/TPU
Material contacts	Brass/Bronze
Material cover nut	Brass nickel-plated
Material grip	PUR/PUR
Material locking screw	Steel

Double-Ended Cordsets  
**BCC VA04-M413-3E-664-PX0350-050**  
**Order Code: BCC04WM**

**BALLUFF**

**Mechanical data**

Acceleration max., drag chain	5 m/s <sup>2</sup>
Cable jacket, color	black
Cable length L	5.00 m

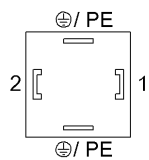
**Cable properties**

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

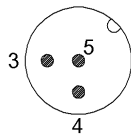
**Remarks**

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 A per EN 175301-803  
 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**

