

**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, 1.00 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	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
Protection degree	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-PX0350-010**  
**Order Code: BCC0502**



**Mechanical data**

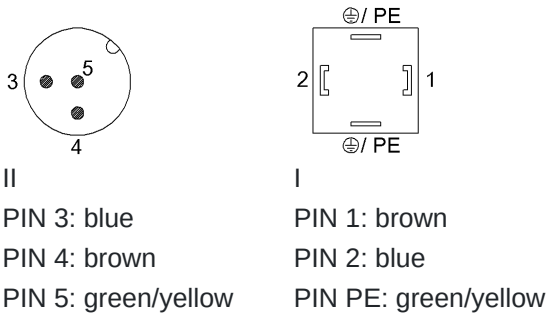
Acceleration max., drag chain	5 m/s <sup>2</sup>
Cable jacket, color	black
Cable length L	1.00 m
Cable properties	Drag chain compatible

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 A per EN 175301-803  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**



**Wiring Diagrams**

