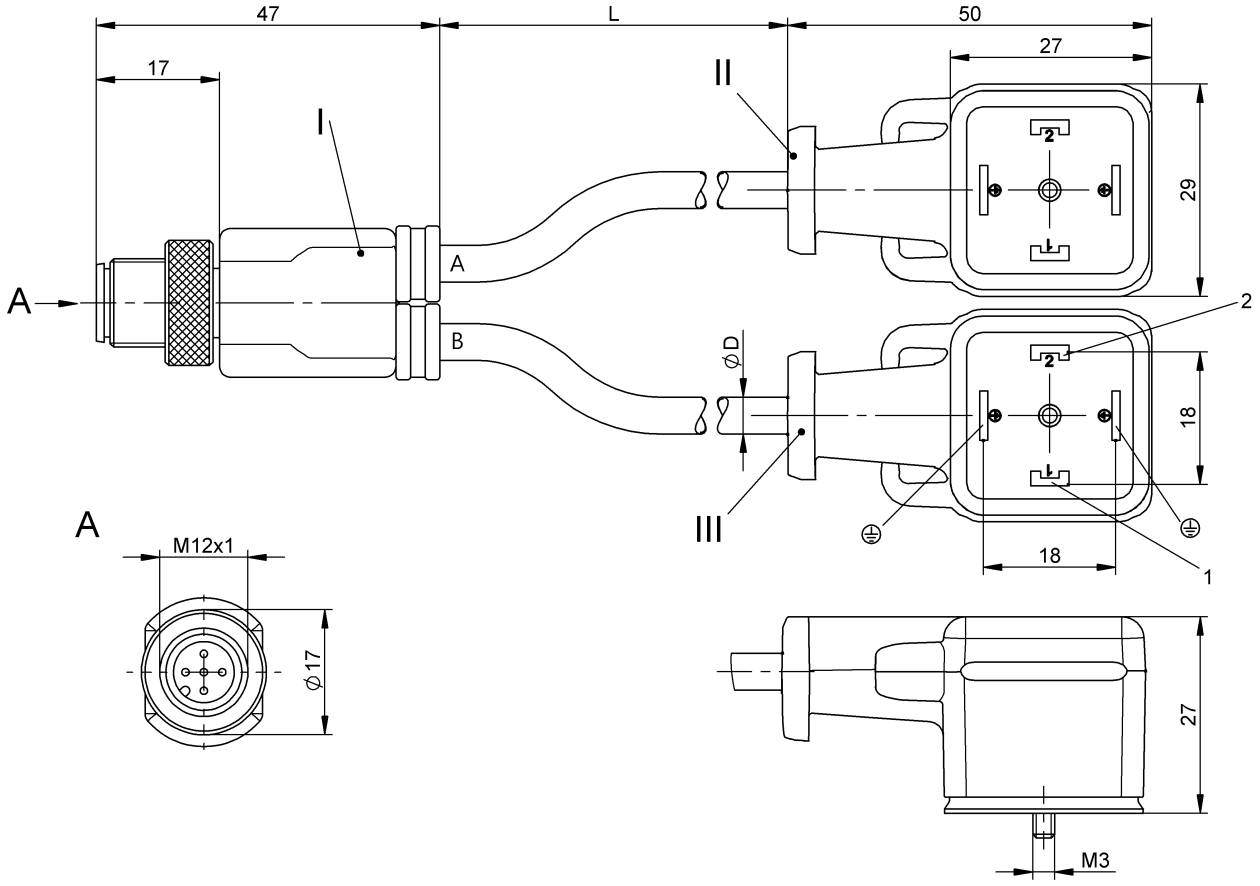
Y-Splitters

BCC M415-VA04-VA04-U2004-005
Order Code: BCC0F82



Basic features

Approval/Conformity	CE EAC WEEE

Display/Operation

Function indicator (Pin 2)	LED yellow/LED yellow

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable diameter D	4.60 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Conductor cross-section	0.50 mm²
Connection 1	M12x1-Male, Straight, 5-pin, A-coded
Connection 2	A, DIN-0°/180°-Valve connector, angled, 4-pin
Connection 3	A, DIN-180°-Valve connector, angled, 4-pin
Connector 01, version	Straight
Connector 02, version	angled
Connector 03, version	angled
Number of conductors	3/3
Number of pins	5/4/4
System	Molded/Molded/Molded

Electrical data

Operating voltage Ub	24 VDC / 24 VAC
Rated current (40 °C)	4.0 A
Suppressor	Suppressor diode

Y-Splitters

BCC M415-VA04-VA04-U2004-005
Order Code: BCC0F82

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/IP67

Material

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

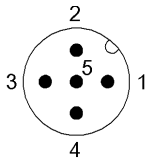
Mechanical data

Acceleration max., drag chain	5 m/s²
Cable jacket, color	black
Cable length L	0.50 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm/-/-
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Remarks

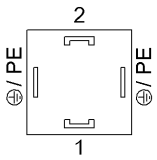
Cable construction acc. to UL-AWM Style 20549
* style A per EN 175301-803
Flame resistance per IEC 60332-2-2
Silicone-free
Halogen-free
Oil resistant per DIN EN 60811-404 (VDE 0473-811-404)
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



I

PIN 1: n.c.
PIN 2: brown
PIN 3: blue
PIN 4: brown
PIN 5: green/yellow



II, III

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

Wiring Diagrams

