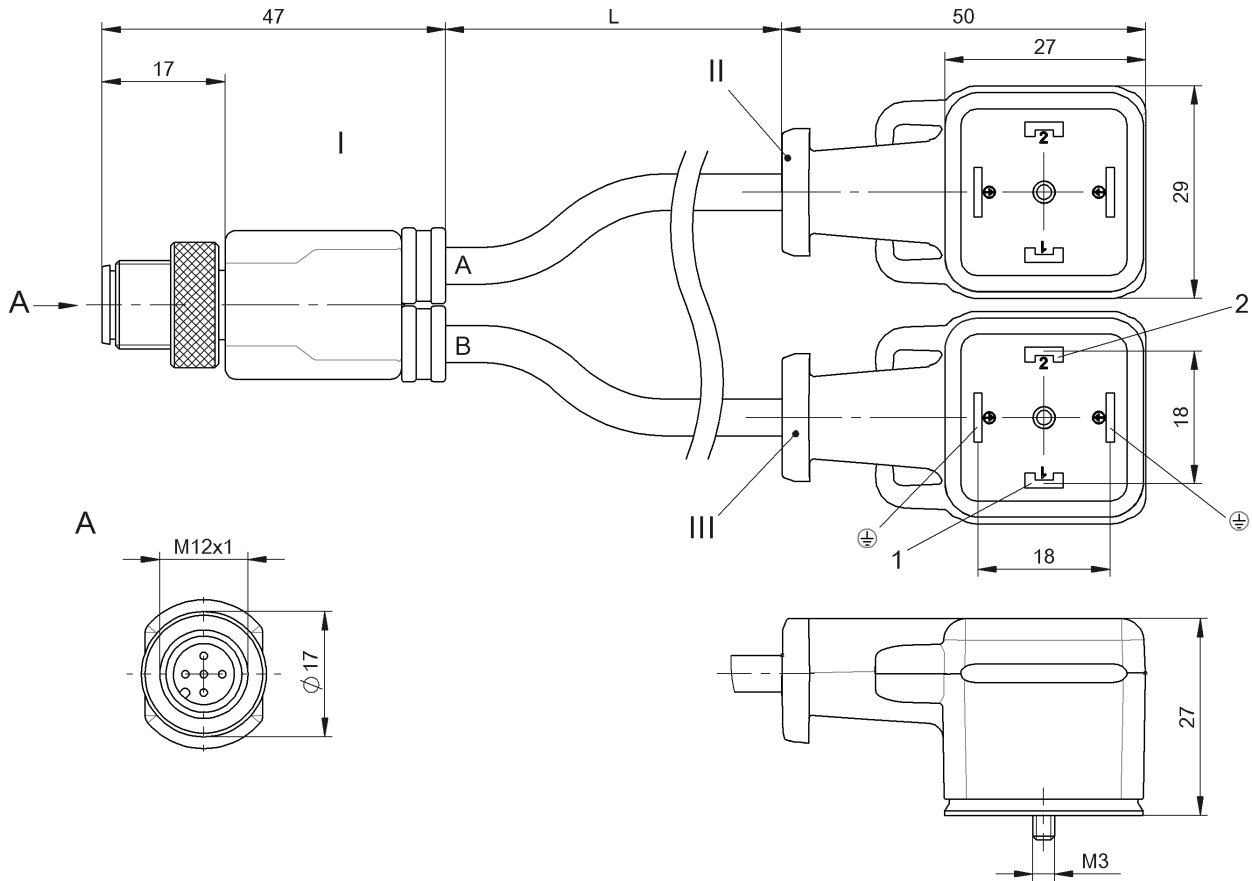


Y-Splitters

BCC M415-VA04-VA04-U2005-005

Order Code: BCC08KH

BALLUFF



Basic features

Approval/Conformity	CE EAC WEEE
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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 million
Conductor cross-section	0.50 mm ²
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	right-angle
Connector 03, version	right-angle
Number of conductors	3/3
Number of pins	5/4/4
System	Molded/Molded/Molded

Electrical data

Operating voltage U _b	60 VDC / 60 VAC
Rated current (40 °C)	4.0 A

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/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

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Mechanical data

Acceleration max., drag chain	5 m/s ²
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

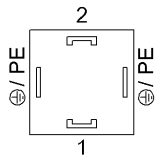
Silicone-free

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

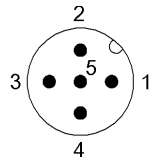


II, III

PIN 1: brown

PIN 2: blue

PIN PE: green/yellow



I

PIN 1: n.c.

PIN 2: brown

PIN 3: blue

PIN 4: brown

PIN 5: green/yellow

Wiring Diagrams

