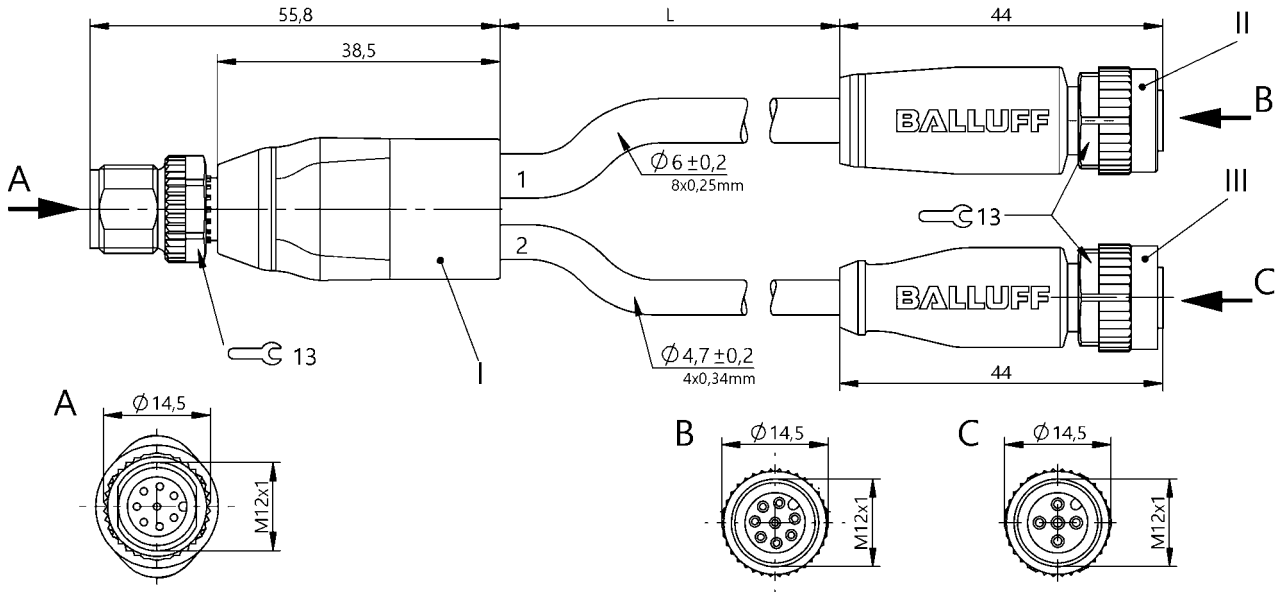


Y-Splitters

BCC M418-M418-M415-U2059-003

Order Code: BCC0FA6

BALLUFF



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, bending cycles min.	2 mil.
Cable, torsion stress	±180°/m
Connection 1	M12x1-Male, straight, 8-pin, A-coded
Connection 2	M12x1-Female, straight, 8-pin, A-coded
Connection 3	M12x1-Female, straight, 5-pin, A-coded
Connector 01, version	straight
Connector 02, version	straight
Connector 03, version	straight
Number of conductors	8/4
Number of pins	8/8/5
System	Molded/Molded/Molded

Electrical data

Operating voltage U_b	30 VDC / 30 VAC
Rated current (40 °C)	2.0 A

Remarks

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
Cable construction acc. to UL-AWM Style 20549

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, IP68, IP69K/IP67, IP68, IP69K

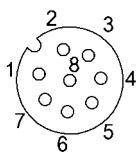
Material

Cable jacket, material	PUR
Material contact carrier	PUR/PUR/PUR
Material contacts	Brass/Bronze/Bronze
Material cover nut	Die-cast zinc/Die-cast zinc/Die-cast zinc
Material grip	PUR/PUR/PUR

Mechanical data

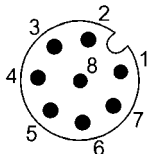
Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	0.30 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm/0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Connector Drawings

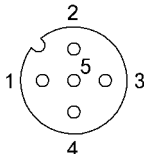


II

PIN 1: white
PIN 2: brown
PIN 3: green
PIN 4: yellow
PIN 5: gray
PIN 6: pink
PIN 7: blue
PIN 8: red



I



III

PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

Wiring Diagrams

