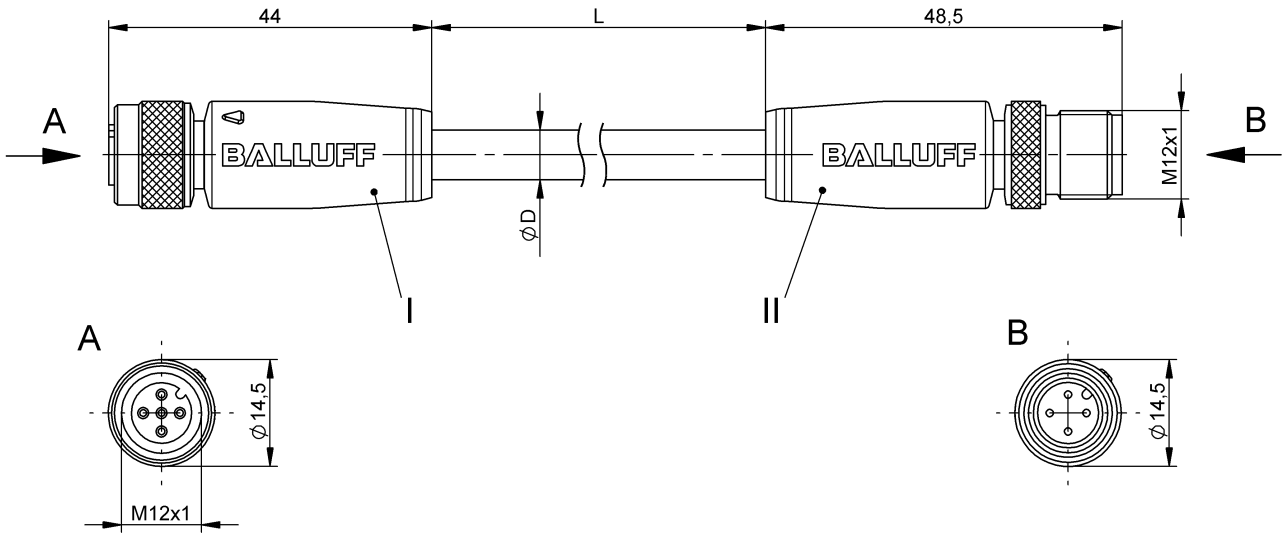
Double-Ended Cordsets

BCC W415-W414-3A-304-TW0434-020
Order Code: BCC0EJ8



Basic features

Application	Welding area
Approval/Conformity	CE cULus WEEE

Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	15 x D
Cable	FEP welding spark resistant black, 2 m
Cable diameter D	4.10 mm ±0.30 mm
Conductor cross-section	0.34 mm²
Connection 1	M12x1-Female, straight, 5-pin, A-coded
Connection 2	M12x1-Male, straight, 4-pin, A-coded
Number of conductors	4
System	Molded/Molded

Electrical data

Operating voltage Ub	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, fixed routing	-100...200 °C
Connector 01, temperature max.	100 °C
IP rating	IP65/IP65

Interface

Switching output	Complementary

Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	FEP
Material contact carrier	PUR, special/PUR, special
Material contacts	Bronze/Brass
Material cover nut	Brass PTFE coated/Brass PTFE coated
Material grip	PUR, special/PUR, special

Mechanical data

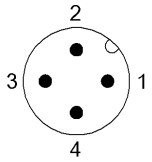
Cable jacket, color	black
Cable length L	2.00 m
Tightening torque pigtail	0.6 Nm/0.6 Nm

Remarks

Cable construction acc. to UL-AWM Style 2749
Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.
Flame-retarding
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

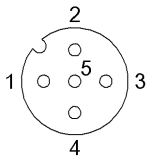
BCC W415-W414-3A-304-TW0434-020
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Connector Drawings



II

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



I

PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: not used

Wiring Diagrams

