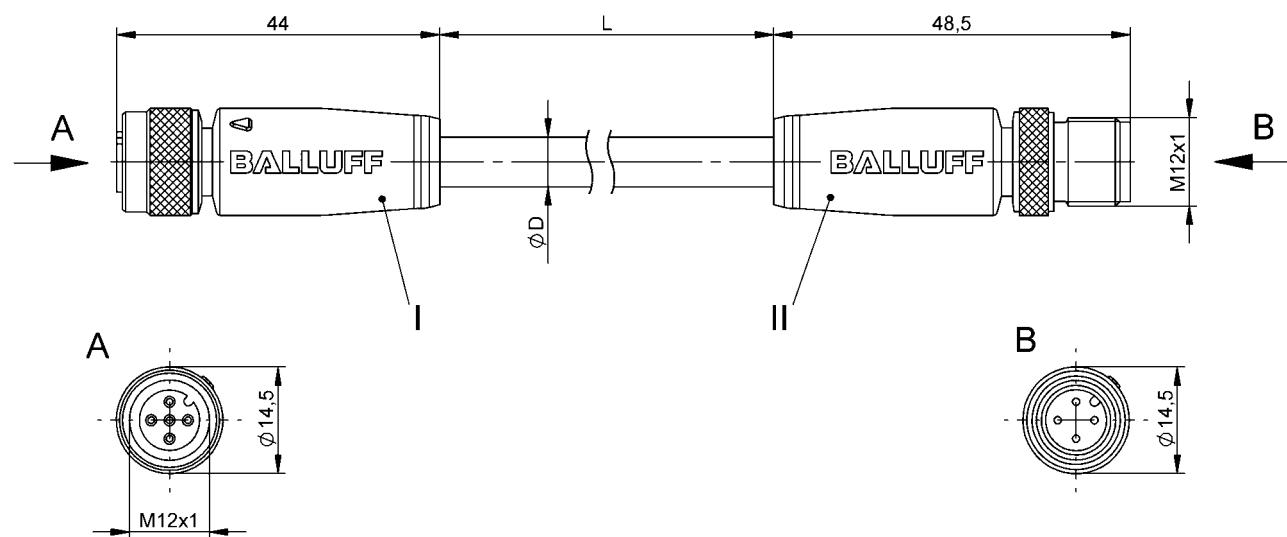


Double-Ended Cordsets

BCC W415-W414-3A-650-TW0434-030

Order Code: BCC0HFY

BALLUFF

Basic features

Application	Welding area
Approval/Conformity	CE cULus WEEE

Display/Operation

Function indicator (Pin 2)	LED white
Function indicator (Pin 4)	LED yellow
Power indicator	LED green/no

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, 3 m
Cable diameter D	4.10 mm ± 0.30 mm
Conductor cross-section	0.34 mm ²
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	30 VDC
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
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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
Material grip	PTFE coated
	PUR, special/PUR, special

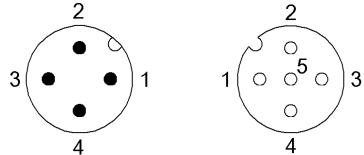
Mechanical data

Cable jacket, color	black
Cable length L	3.00 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.

Connector Drawings

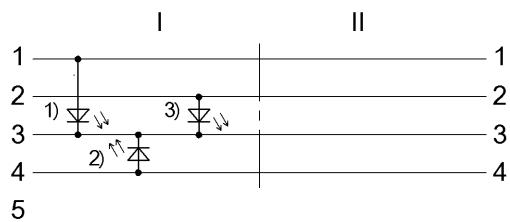


II

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

Wiring Diagrams



- 1) Green LED = Power
- 2) Yellow LED = Function
- 3) LED white = Function