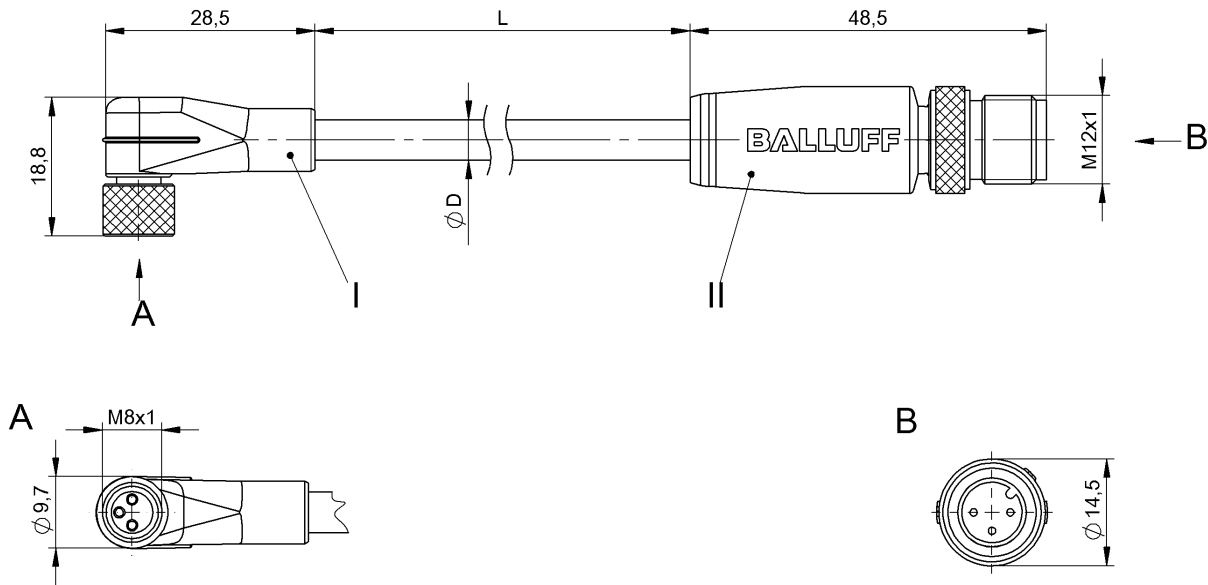


Double-Ended Cordsets
BCC W323-W413-3E-602-BW8334-006
Order Code: BCC0KAU

BALLUFF



Basic features

Application	Welding area
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Display/Operation

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

Electrical connection

Bending radius min., fixed cable	8 x D
Bending radius min., flexible cable	15 x D
Cable	TPE welding spark resistant gray, 0.6 m
Cable diameter D	4.40 mm ±0.20 mm
Conductor cross-section	0.34 mm²
Connection 1	M8x1-Female, angled, 3-pin, A- coded
Connection 2	M12x1-Male, straight, 3-pin, A- coded
Number of conductors	3
System	Molded/Molded

Electrical data

Operating voltage Ub	30 VDC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, fixed routing	-50...130 °C
Cable temperature, flexible routing	-40...125 °C
IP rating	IP65/IP65

Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	TPE
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

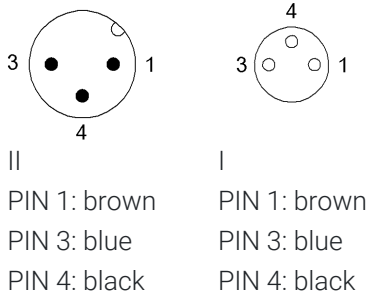
Mechanical data

Cable jacket, color	gray
Cable length L	0.60 m
Tightening torque pigtail	0.4 Nm/0.6 Nm

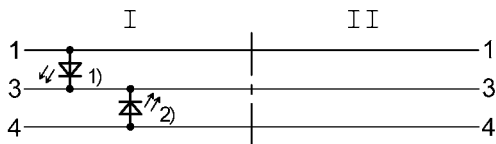
Remarks

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

Connector Drawings



Wiring Diagrams



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