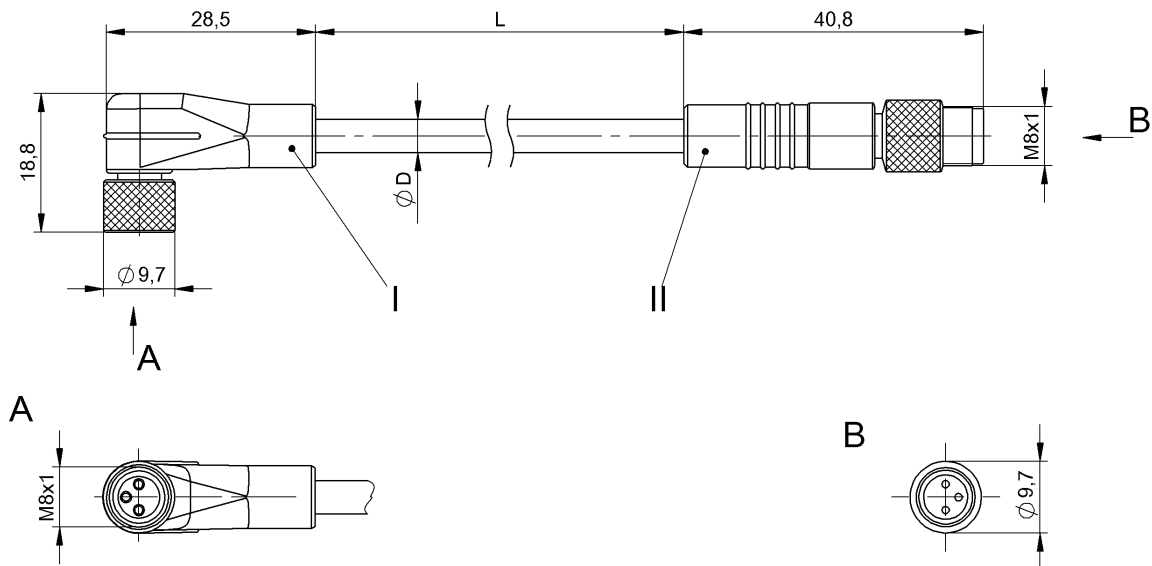


Double-Ended Cordsets  
**BCC W323-W313-30-602-TW0334-020**  
 Order Code: BCC0KAK

**BALLUFF**



**Basic features**

<b>Application</b>	Welding area
<b>Approval/Conformity</b>	CE cULus EAC WEEE

**Display/Operation**

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

**Electrical connection**

<b>Bending radius min., fixed cable</b>	7.5 x D
<b>Bending radius min., flexible cable</b>	15 x D
<b>Cable</b>	FEP welding spark resistant black, 2.00 m
<b>Cable diameter D</b>	3.75 mm ±0.25 mm
<b>Conductor cross-section</b>	0.34 mm <sup>2</sup>
<b>Connection 1</b>	M8x1-Female, angled, 3-pin, A-coded
<b>Connection 2</b>	M8x1-Male, straight, 3-pin, A-coded
<b>Number of conductors</b>	3
<b>System</b>	Molded/Molded

**Electrical data**

<b>Operating voltage U<sub>b</sub></b>	30 VDC
<b>Rated current (40 °C)</b>	4.0 A

**Environmental conditions**

<b>Cable temperature, fixed routing</b>	-100...200 °C
<b>Protection degree</b>	IP65/IP65

**Material**

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

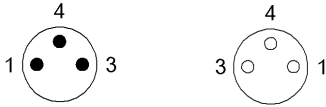
**Mechanical data**

<b>Cable jacket, color</b>	black
<b>Cable length L</b>	2.00 m
<b>Tightening torque pigtail</b>	0.4 Nm/0.4 Nm

**Remarks**

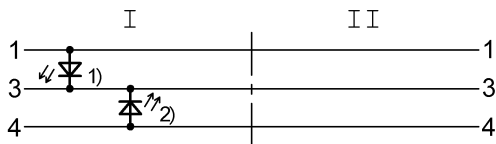
Cable construction acc. to UL-AWM Style 2749  
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.  
 Flame-retarding  
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

## Connector Drawings



II	I
PIN 1: brown	PIN 1: brown
PIN 3: blue	PIN 3: blue
PIN 4: black	PIN 4: black

## Wiring Diagrams



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