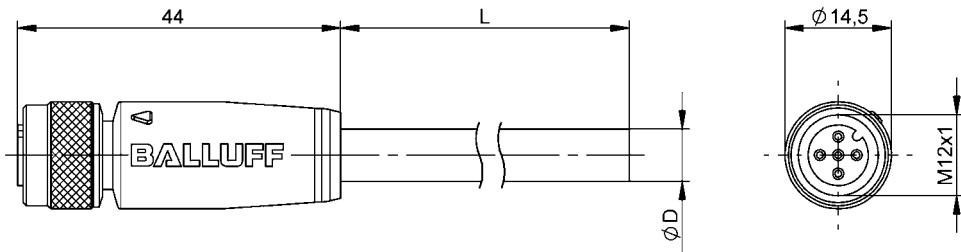


Single-Ended Cordsets

BCC W415-0000-1A-003-TW0434-020

Order Code: BCC0EFN

**BALLUFF**

## 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 $\pm 0.30$ mm
Conductor cross-section	0.34 mm <sup>2</sup>
Connection	M12x1-Female, straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	5
System	Molded

## Electrical data

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

## 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.

## Environmental conditions

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

## Interface

Switching output	Complementary
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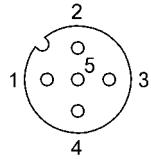
## Material

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

## Mechanical data

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

### Connector Drawings



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

### Wiring Diagrams

1 \_\_\_\_\_  
2 \_\_\_\_\_  
3 \_\_\_\_\_  
4 \_\_\_\_\_  
5 \_\_\_\_\_