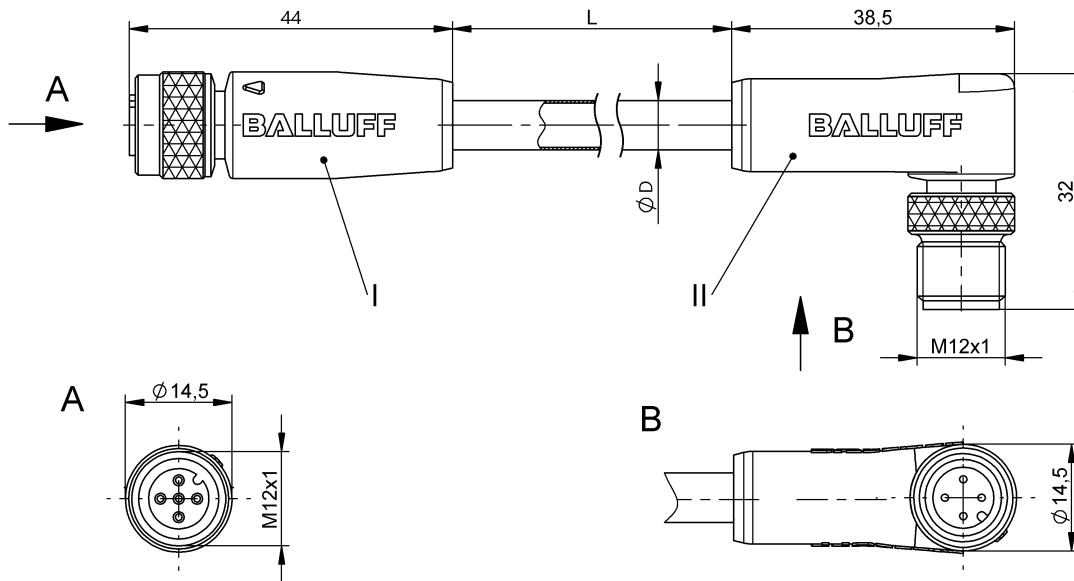


Double-Ended Cordsets  
**BCC W415-W424-3A-304-NW44T2-006**  
 Order Code: BCC0K19

# BALLUFF



### Basic features

Application	Welding area
Approval/Conformity	EAC WEEE

### Environmental conditions

Cable temperature, fixed routing	-50...105 °C
Cable temperature, flexible routing	-25...105 °C
IP rating	IP65/IP65

### Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	TPE welding spark resistant Yellow, 0.60 m, Drag chain compatible
Cable diameter D	8.00 mm ±0.20 mm
Cable, bending cycles min.	10 million
Conductor cross-section	22 AWG
Connection 1	M12x1-Female, straight, 5-pin, A-coded
Connection 2	M12x1-Male, angled, 4-pin, A-coded
Number of conductors	4
Protection jacket color	Transparent
System	Molded/Molded

### Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	TPE
Jacket material	Silicone
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	Yellow
Cable length L	0.60 m
Cable properties	Drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm

### Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage Ub	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

### Output/Interface

Switching output	Complementary
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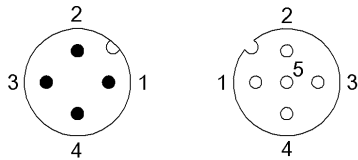
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**Remarks**

Cable construction acc. to UL-AWM Style 20327  
 Flame resistance acc. to IEC 332-2  
 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**



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: n.c.

**Wiring Diagrams**

