

Double-Ended Cordsets  
**BCC M415-M414-3A-607-EX44T2-010**  
 Order Code: BCC05N5

**BALLUFF**



4MT5  
(CYJV CABLE ASSEMBLY)



**Basic features**

Approval/Conformity	CE cULus EAC WEEE
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**Display/Operation**

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

**Electrical connection**

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	TPE Yellow, 1.00 m, Drag chain compatible
Cable diameter D	5.30 mm ±0.13 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, straight, 4-pin, A-coded
Number of conductors	4
System	Molded/Molded

**Electrical data**

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage $U_b$	30 VDC
Rated current (40 °C)	4.0 A

**Environmental conditions**

Cable temperature, fixed routing	-50...105 °C
Cable temperature, flexible routing	-25...105 °C
Protection degree	IP67, IP68, IP69K/IP67, IP68, IP69K

**Material**

Cable jacket, material	TPE
Material contact carrier	PUR/PUR
Material contacts	Bronze/Brass
Material cover nut	Die-cast zinc/Die-cast zinc
Material grip	TPU/TPU

**Mechanical data**

Cable jacket, color	Yellow
Cable length L	1.00 m
Cable properties	Drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm

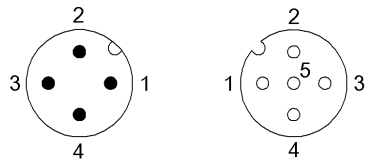
**Output/Interface**

Switching output	NPN NO/NC antivalent
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**Remarks**

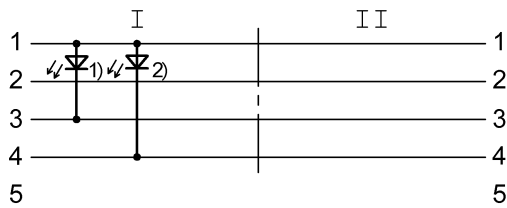
Cable construction acc. to UL-AWM Style 20327  
 Flame resistance acc. to IEC 332-2  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**



- |              |              |
|--------------|--------------|
| II           | I            |
| PIN 1: brown | PIN 1: brown |
| PIN 2: white | PIN 2: white |
| PIN 3: blue  | PIN 3: blue  |
| PIN 4: black | PIN 4: black |
|              | PIN 5: n.c.  |

**Wiring Diagrams**



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