

Double-Ended Cordsets  
**BCC M324-M414-3E-304-VX8434-100**  
 Order Code: BCC0LJ2

# BALLUFF



4MT5  
(CYJV CABLE ASSEMBLY)



### Basic features

Approval/Conformity	CE cULus EAC WEEE
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### Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PVC gray, 10 m, Drag chain compatible
Cable diameter D	4.80 mm ±0.15 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.34 mm <sup>2</sup>
Connection 1	M8x1-Female, angled, 4-pin, A-coded
Connection 2	M12x1-Male, straight, 4-pin, A-coded
Number of conductors	4
System	Molded/Molded

### Electrical data

Operating voltage UB	60 VDC / 60 VAC
Rated current (40 °C)	4.0 A

### Environmental conditions

Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, drag chain	-5...60 °C
Cable temperature, fixed routing	-40...105 °C
Cable temperature, flexible routing	5...105 °C
Protection degree	IP67, IP69K/IP67, IP68, IP69K

### Material

Cable jacket, material	PVC
Material contact carrier	PUR/PUR
Material contacts	Bronze/Brass
Material cover nut	Die-cast zinc or nickel plated brass/Die-cast zinc
Material grip	PUR/PUR

### Mechanical data

Acceleration max., drag chain	5 m/s <sup>2</sup>
Cable jacket, color	gray
Cable length L	10.00 m
Cable properties	Drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.4 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

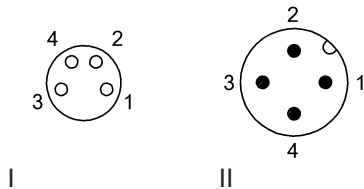
### Output/Interface

Switching output	Complementary
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Remarks

Cable construction acc. to UL-AWM Style 2517  
Silicone-free  
Flame-retarding acc. to IEC 60332-2  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams

