BCC M41C-M41C-3A-325-PX0C25-100
Order code: BCC0E9J

BALLUFF
sensors worldwide

- **Female M12**
- **Male M12**
- **straight / straight**

LISTED 4MT5
(CYJV CABLE ASSEMBLY)

General attributes

Approvals / Conformity	cULus LISTED
Cable jacket color	black
Enclosure Type per IEC 60529	IP68 / IP68
Function indicator (PIN 2)	No / No
Function indicator (PIN 4)	No / No
Power indicator	No / No

Electrical attributes

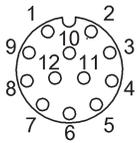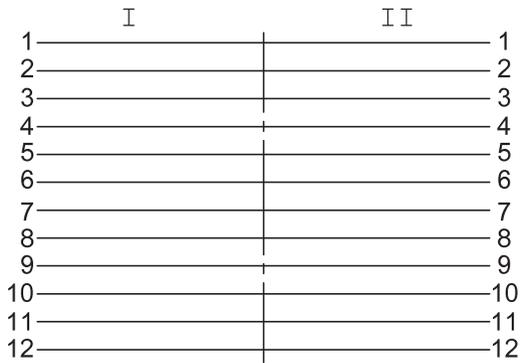|	
Operating voltage UB max. AC [V]	60.0 V
Operating voltage UB max. DC [V]	60.0 V
Rated current (40°C)	1.0 A
Switching output	No

Mechanical attributes

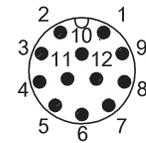|	
Acceleration max. (drag chain)	5 m/s²
Ambient temp. max. (fixed)	80 °C
Ambient temp. max. (moving)	80 °C
Ambient temp. max.(drag chain)	60 °C
Ambient temp. min. (fixed)	-25 °C
Ambient temp. min. (moving)	-25 °C
Ambient temp. min.(drag chain)	-25 °C
Bending cycles	> 2 Mio.
Bending radius fixed cable	min. 5 x D
Bending radius tensioned cable	min. 10 x D
Cable diameter D	6.5 +/- 0.20 mm

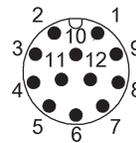|	
Cable jacket material	PUR
Cable length L [m]	10.00 m
Conductor cross-section	0.25 mm²
Connector configuration	straight / straight
Connector type	M12x1 / M12x1
Connector type (Header I)	Female M12
Connector type (Header II)	Male M12
Contact material	CuSn / CuZn
Cover nut material	GD-Zn / GD-Zn
Drag chain compatible	Yes
Grip material	PUR / PUR
Number of conductors	12
Number of female/male pins	12 / 12
Permiss.horizon. traverse dist	at 5 m/sec² 5 m
Permiss.vert. traverse dist	at 5 m/sec² 2 m
System	molded / molded
Tightening torque pigtail	0.6 Nm / 0.6 Nm
Traverse speed max(drag chain)	at 5 m horiz. travel 200 m/min

Additional text
Cable structure according to UL-AWM Style 20549
Flame resistant per IEC 332-2
Halogen-free per DIN VDE 0472 Part 815
Enclosure type accord. to IEC 60529, when threaded together with theappropriate counterpart.

Internet	www.balluff.com	For definitions of terms, see main catalog	BCC0E9J_229734_22/10/15	1(2)
Balluff Germany	+49 (0) 7158 173-0, 173-370	Subject to change		
Balluff USA	1-800-543-8390			
Balluff China	+86 (0) 21-50 644131			

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I   II

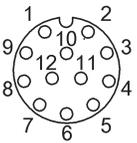|	
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12

I

II

II
PIN 1: brown
PIN10: violet
PIN11: gray/pink
PIN12: red/blue
PIN 2: blue
PIN 3: white
PIN 4: green
PIN 5: pink
PIN 6: yellow
PIN 7: black
PIN 8: gray
PIN 9: red

I
PIN 1: brown
PIN10: violet
PIN11: gray/pink
PIN12: red/blue
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