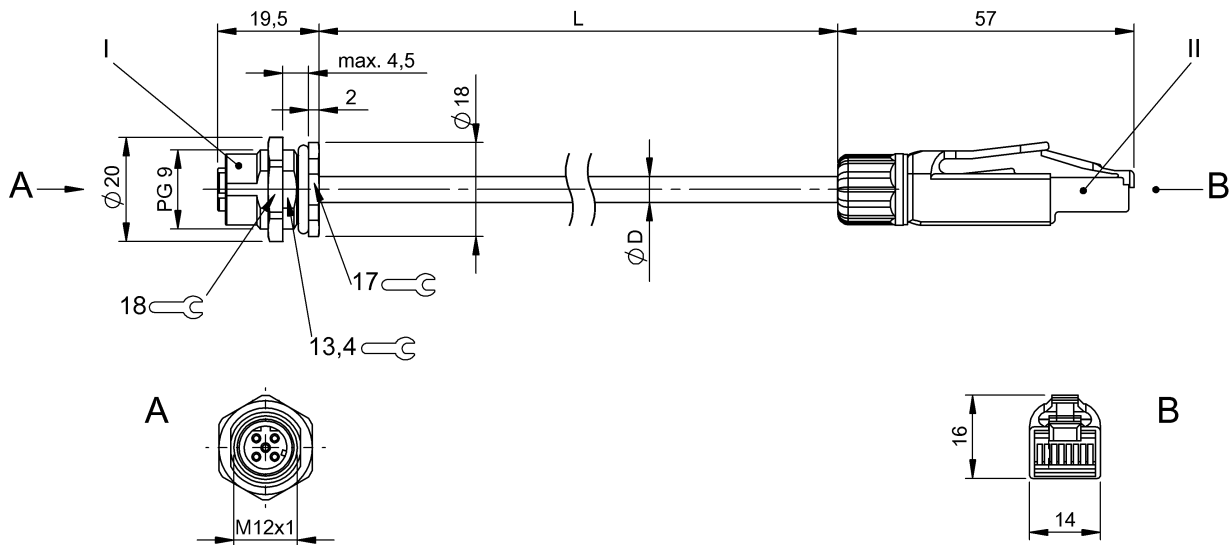


Bulkhead Connectors  
**BCC M415-E834-AG-RP001-030**  
 Order Code: BCC0MA2

**BALLUFF**



**Basic features**

Approval/Conformity	CE WEEE cULus
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**Electrical connection**

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	15 x D
Cable	PUR Shielded Green, 3 m
Cable diameter D	6.70 mm ±0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.34 mm <sup>2</sup>
Connection 1	M12x1-Female, straight, 4-pin, D-coded
Connection 2	RJ45-Male, straight, 4-pin
Connector 01, version	straight
Connector 02, version	straight
Number of conductors	4
Number of pins	4/4
System	Molded/Molded

**Electrical data**

Operating voltage U <sub>b</sub>	60 VDC / 60 VAC
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**Remarks**

Halogen-free

**Environmental conditions**

Cable temperature, drag chain	-20...60 °C
Cable temperature, flexible routing	-20...60 °C
IP rating	IP67/IP20

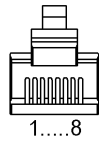
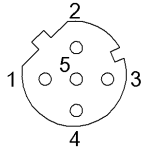
**Material**

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Material contact carrier	PUR/PUR
Material contacts	Brass/Brass
Material grip	PUR/PUR

**Mechanical data**

Acceleration max., drag chain	2 m/s <sup>2</sup>
Cable jacket, color	Green
Cable length L	3.00 m
Horizontal travel permitted, drag chain	5 m at 5 m/s <sup>2</sup>
Mounting part	PG9
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	5 m at 5 m/s <sup>2</sup>

**Connector Drawings**



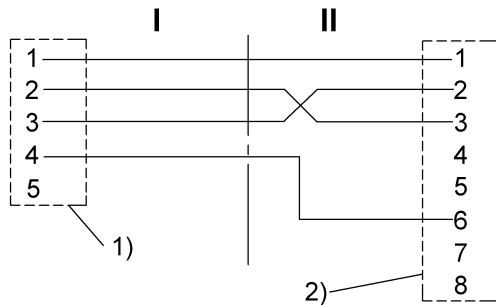
I

- PIN 1: yellow
- PIN 2: white
- PIN 3: orange
- PIN 4: blue

II

- PIN 1: yellow
- PIN 2: orange
- PIN 3: white
- PIN 4: not used
- PIN 5: not used
- PIN 6: blue
- PIN 7: not used
- PIN 8: not used

**Wiring Diagrams**



- 1) Shield on cover nut
- 2) Shield on housing