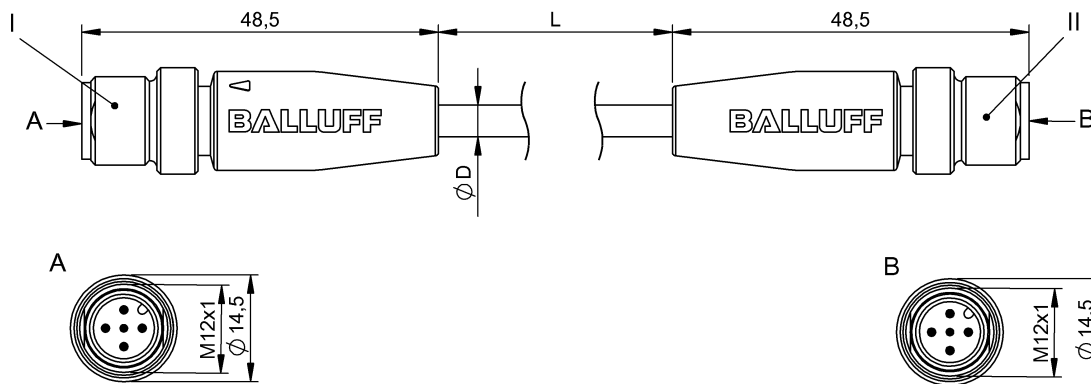


BCC M415-M415-6A-330-PS85N6-002 BCC0ET2



4MT5
(C7JV CABLE ASSEMBLY)

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	15 x D
Cable	PUR Shielded gray, 0.20 m, Drag chain compatible
Cable diameter D	7.00 mm ±0.30 mm
Cable, bending cycles min.	1 million
Conductor cross-section	AWG 22/AWG 24
Number of conductors	4
Number of pins	5/5
System	Molded/Molded

Electrical data

Cable rated voltage AC max.	300.0 V
Cable rated voltage DC max.	300.0 V
Conductor construction	2x2 twisted-pair
Conductor resistance	≤ 28 Ohm/1000 ft
Coupling resistance max.	120 Ohm ±12 Ohm
Horizontal travel permitted, drag chain	4.5 m
Line attenuation at 1 MHz max.	0.70 dB/100 ft
Line attenuation at 125 kHz max.	0.29 dB/100 ft
Line attenuation at 500 kHz max.	0.50 dB/100 ft
Rated current (40 °C)	4.0 A
Stranding	Flexible

Environmental conditions

Ambient temperature	-20...80 °C
---------------------	-------------

Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-40...80 °C
Protection type IEC 60529	IP68 /IP68

General data

Application	DeviceNet Thin
Approval/Conformity	cULus LISTED

Material

Cable shield	Aluminum foil, copper braid and stranded drain
Material contact carrier	PUR/PUR
Material contacts	Brass/Brass
Material cover nut	Die-cast zinc/Die-cast zinc
Material grip	TPU/TPU

Mechanical data

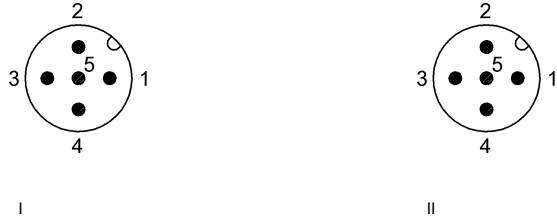
Acceleration max., drag chain	3 m/s ²
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min

Remarks

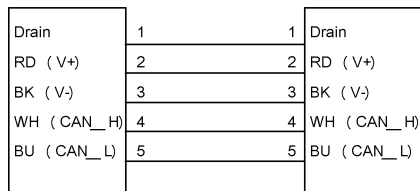
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
Cable construction acc. to UL-Style CMX 75°C CL2X

BCC M415-M415-6A-330-PS85N6-002
BCC0ET2

Connector view



Wiring Diagram



L