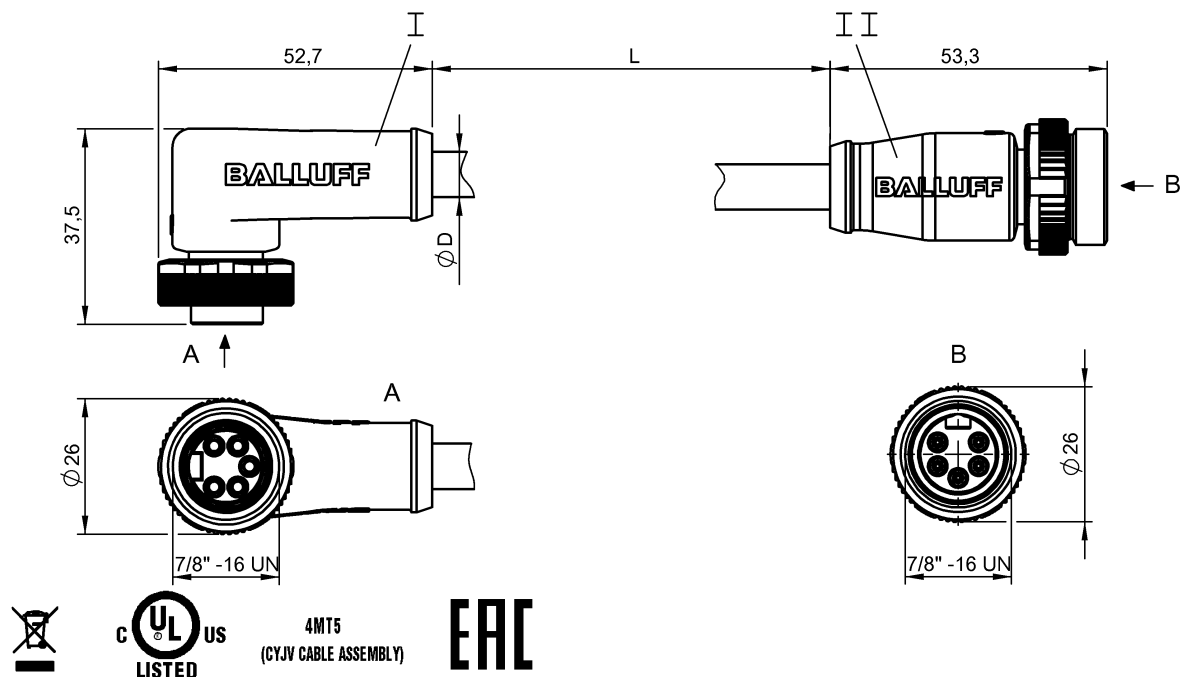


Double-Ended Cordsets
BCC A325-A315-30-330-VS85N5-100
Order Code: BCC08UT

BALLUFF



Electrical connection

Bending radius min., fixed cable	6 x D
Bending radius min., flexible cable	10 x D
Cable	PVC Shielded gray, 10.00 m
Cable diameter D	12.10 mm ±0.38 mm
Conductor cross-section	16 AWG/20 AWG
Connection 1	7/8"-Female, angled, 5-pin
Connection 2	7/8"-Male, straight, 5-pin
Number of conductors	4
System	Molded/Molded

Electrical data

Conductor construction	2 pairs + shield
Conductor resistance	≤ 10.0 Ohm/1000 ft
Coupling resistance max.	120 Ohm ±12 Ohm
Line attenuation at 1 MHz max.	0.47 dB/100 ft
Line attenuation at 125 kHz max.	0.18 dB/100 ft
Line attenuation at 500 kHz max.	0.35 dB/100 ft
Operating voltage Ub	300 VDC / 300 VAC
Rated current (40 °C)	9.0 A

Environmental conditions

Ambient temperature	-20...75 °C
IP rating	IP67, IP68/IP67, IP68

General data

Application	DeviceNet Mid
Approval/Conformity	cULus EAC WEEE

Material

Cable jacket material, note	Shielded
Cable jacket, material	PVC
Cable shield	Aluminum foil and copper braid
Material contact carrier	PUR/PUR
Material contacts	Brass/Brass
Material cover nut	Die-cast zinc/Die-cast zinc
Material grip	PUR/PUR

Mechanical data

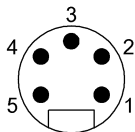
Cable jacket, color	gray
Cable length L	10.00 m
Tightening torque pigtail	1.5 Nm/1.5 Nm

Remarks

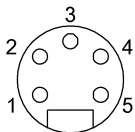
DEVICENET MID SHIELDED - E101876 1PR20 & 1PR16 (UL) PLTC 75C or c(UL)us CM 75C or AWM 2464 80C 300V I/II A/B 80C 300V SUNLIGHT RESISTANT FT4 --- CE RoHS

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings

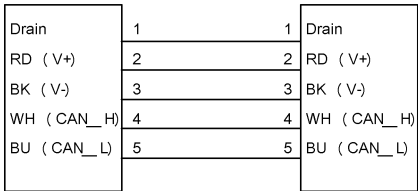


DeviceNet Input
PIN 1: shield
PIN 2: +24V
PIN 3: 0V
PIN 4: CAN H
PIN 5: CAN L



DeviceNet Output
PIN 1: shield
PIN 2: +24V
PIN 3: 0V
PIN 4: CAN H
PIN 5: CAN L

Wiring Diagrams



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