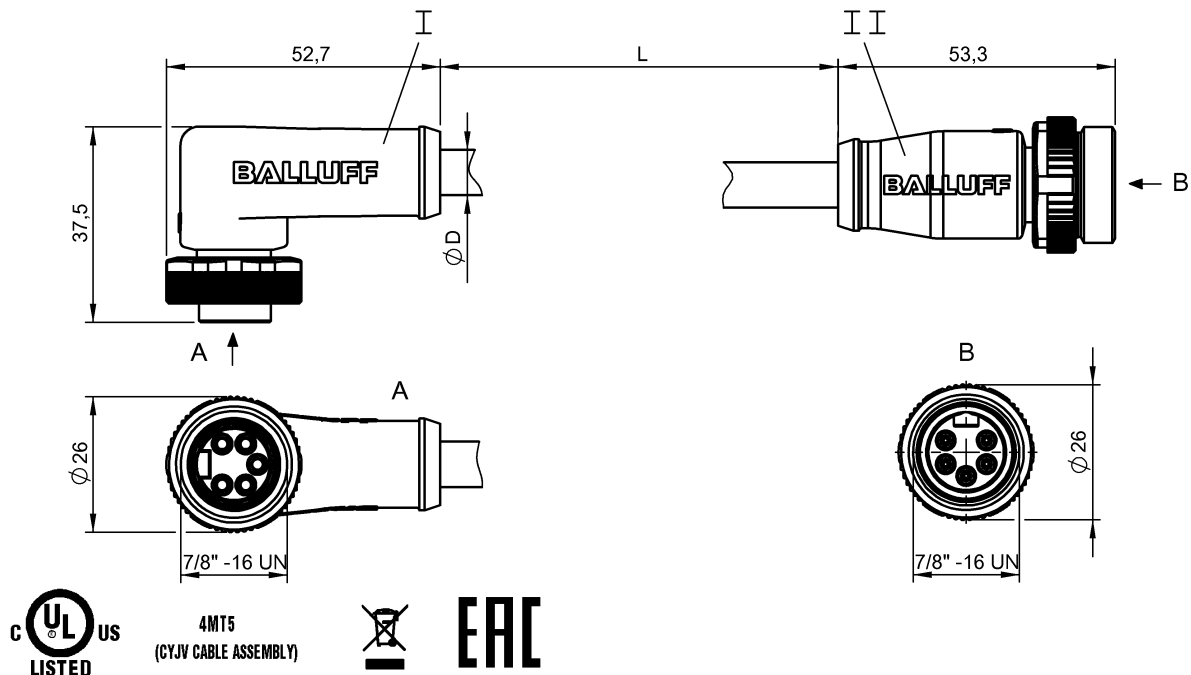


Double-Ended Cordsets
BCC A325-A315-30-330-VS85N6-120
Order Code: BCC09ZK

BALLUFF



Electrical connection

Bending radius min., fixed cable	6 x D
Bending radius min., flexible cable	10 x D
Cable	PVC Shielded gray, 12.00 m
Cable diameter D	7.00 mm ±0.40 mm
Conductor cross-section	22 AWG/24 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

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Conductor construction	2x2 twisted-pair
Conductor resistance	(AWG 24) 90 Ohm/km at 20 °C (AWG 22) 55 Ohm/km at 20 °C
Coupling resistance max.	120 Ohm ±12 Ohm
Operating voltage Ub	300 VDC / 300 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Ambient temperature	-20...80 °C
Cable temperature, fixed routing	-20...80 °C
IP rating	IP67, IP68/IP67, IP68

General data

Application	DeviceNet Thin
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

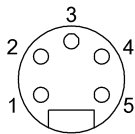
Mechanical data

Cable jacket, color	gray
Cable length L	12.00 m
Tightening torque pigtail	1.5 Nm/1.5 Nm

Remarks

Cable construction acc. to CMG 75°C or CL2
 Flame resistant per UL 1685 (CSA FT4)
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



DeviceNet Output

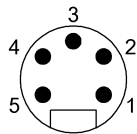
PIN 1: shield

PIN 2: +24V

PIN 3: 0V

PIN 4: CAN H

PIN 5: CAN L



DeviceNet Input

PIN 1: shield

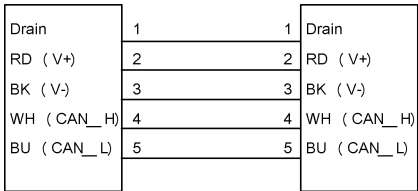
PIN 2: +24V

PIN 3: 0V

PIN 4: CAN H

PIN 5: CAN L

Wiring Diagrams



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