

4MT5
 (CYJV CABLE ASSEMBLY)



Basic features

Application	DeviceNet Thin
Approval/Conformity	cULus EAC WEEE

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PVC Shielded gray, 3.00 m
Cable diameter D	7.00 mm ±0.40 mm
Conductor cross-section	22 AWG/24 AWG
Connection	7/8"-Female, Straight, 5-pin
Connector configuration	Straight
Number of conductors	4
Number of pins	5
System	Molded

Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Conductor construction	2x2 twisted-pair
Conductor resistance	≤ 16.5 Ohm/1000 ft
Coupling resistance max.	120 Ohm ±12 Ohm
Isolation resistance	≥ 20 MOhm x km at 20 °C
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
Operating voltage U_b	300 VDC / 300 VAC
Rated current (40 °C)	4.0 A
Surge impedance	120 Ohm ±12 Ohm/AWG24 1 MHz

Environmental conditions

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

Material

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

Single-Ended Cordsets
BCC A315-0000-10-030-VS85N6-030
Order Code: BCC09UZ



Mechanical data

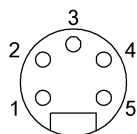
Cable jacket, color gray

Cable length L 3.00 m
Tightening torque pigtail 1.5 Nm

Remarks

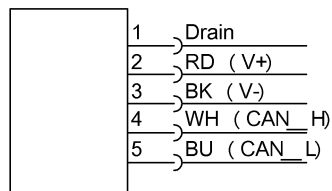
Cable construction acc. to CMG 75°C or CL2
Flame resistant per UL 1685 (CSA FT4)
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams



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