

- Female 7/8"
- Male 7/8"
- straight / 90°angle



General attributes

Approvals / Conformity
 Area of application
 Cable jacket color
 Enclosure Type per IEC 60529
 Function indicator
 Power indicator
 Trademark

cULus LISTED
 DeviceNet Thick
 gray
 IP67
 No
 No
 DeviceNet™

Electrical attributes

Attenuation 125 kHz
 Attenuation 1 MHz
 Attenuation 500 kHz
 Bus system
 Conductor resistance
 Operating voltage UB max. AC [V]
 Operating voltage UB max. DC [V]
 Rated current (40°C)
 Transfer impedance

≤ 0.13 dB / 100 ft
 ≤ 0.45 dB / 100ft
 ≤ 0.33 dB / 100ft
 DeviceNet compliant
 ≤ 6.9 Ω / 1000 ft
 300.0 V
 300.0 V
 8.0 A
 ≤ 120 +/- 12 Ω

Mechanical attributes

Ambient temperature Ta max.
 Ambient temperature Ta min.
 Bending cycles

80 °C
 -20 °C
 > 1 Mio.

Bending radius fixed cable
 Bending radius tensioned cable
 Cable diameter D
 Cable jacket material
 Cable length L [m]
 Conductor cross-section
 Conductor structure
 Connector configuration
 Connector type
 Connector type (Header I)
 Connector type (Header II)
 Contact material
 Cover nut material
 Grip material
 Number of conductors
 Number of female/male pins
 Stranding
 System
 Tightening torque pigtail

min. 6 x D
 min. 10 x D
 12.19 +/- 0.38 mm
 PUR shielded
 5.00 m
 15 AWG / 18 AWG
 2 pair + drain
 straight / 90°angle
 7/8"
 Female 7/8"
 Male 7/8"
 CuZn / CuZn
 GD-Zn / GD-Zn
 polyether TPU
 5
 5 / 5
 Flex
 molded / molded
 1.5 Nm / 1.5 Nm

Additional text

Raw Cable: Multi-axis flexing, DeviceNet, thick, 2/C 18 AWG/2/C 15 AWG, E101876 (UL) CL3 or AWG 20626 - LL33361 CSA AWM I/II A/B 80 °C 300VFT1 - CE

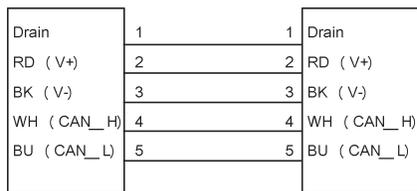
Connector/cable

BCC A315-A325-30-330-PS85N4-050

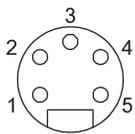
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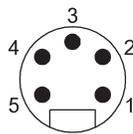
sensors worldwide



L



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