

Double-Ended Cordsets  
BCC A315-A315-30-330-VS85N5-040  
Order Code: BCC08U4



Basic features

|                     |                     |
|---------------------|---------------------|
| Application         | DeviceNet Mid       |
| Approval/Conformity | CE<br>cULus<br>WEEE |

Electrical connection

|                         |                              |
|-------------------------|------------------------------|
| Cable                   | PVC Shielded gray, 4 m       |
| Cable diameter D        | 12.10 mm ±0.38 mm            |
| Conductor cross-section | 16 AWG/20 AWG                |
| Connection 1            | 7/8"-Female, straight, 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  |
| Operating voltage Ub        | 300 VDC / 300 VAC |
| Rated current (40 °C)       | 9.0 A             |
| Surge impedance             | 120 Ohm ±12 Ohm   |

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.

Environmental conditions

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

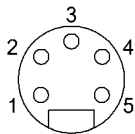
Material

|                             |                                |
|-----------------------------|--------------------------------|
| 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                        |

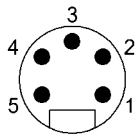
Mechanical data

|                           |               |
|---------------------------|---------------|
| Cable jacket, color       | gray          |
| Cable length L            | 4.00 m        |
| Tightening torque pigtail | 1.5 Nm/1.5 Nm |

Connector Drawings

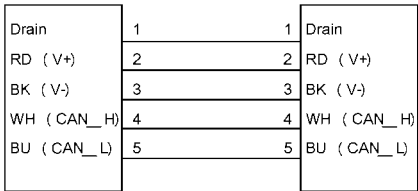


DeviceNet Output  
PIN 1: shield  
PIN 2: +24V  
PIN 3: 0V  
PIN 4: CAN H  
PIN 5: CAN L



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Wiring Diagrams



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