

4MT5
(CYJV CABLE ASSEMBLY)



Basic features

| | |
|---------------------|----------------------|
| Application | DeviceNet Thick |
| Approval/Conformity | cULus EAC WEEE |

Electrical connection

| | |
|-------------------------------------|------------------------------|
| Bending radius min., fixed cable | 6 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | PUR Shielded gray, 5.00 m |
| Cable diameter D | 12.19 mm ±0.38 mm |
| Cable, bending cycles min. | 1 million |
| Conductor cross-section | 15 AWG/18 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 |
| Conductor resistance | ≤ 6.9 Ohm/1000 ft |
| Coupling resistance max. | 120 Ohm ±12 Ohm |
| Line attenuation at 1 MHz max. | 0.45 dB/100 ft |
| Line attenuation at 125 kHz max. | 0.13 dB/100 ft |
| Line attenuation at 500 kHz max. | 0.33 dB/100 ft |
| Operating voltage Ub | 300 VDC / 300 VAC |
| Rated current (40 °C) | 9.0 A |
| Stranding | Flexible |

Environmental conditions

| | |
|---------------------|-----------------------|
| Ambient temperature | -20...80 °C |
| IP rating | IP67, IP68/IP67, IP68 |

Material

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

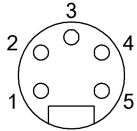
Mechanical data

| | |
|---------------------------|---------------|
| Cable jacket, color | gray |
| Cable length L | 5.00 m |
| Tightening torque pigtail | 1.5 Nm/1.5 Nm |

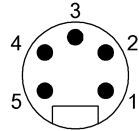
Remarks

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

Connector Drawings

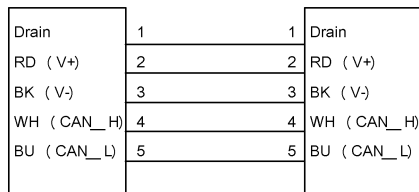


DeviceNet Output
 PIN 1: shield
 PIN 2: +24V
 PIN 3: 0V
 PIN 4: CAN H
 PIN 5: CAN L



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Wiring Diagrams



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