

4MT5  
(CYJV CABLE ASSEMBLY)



## Basic features

Application	DeviceNet Thin
Approval/Conformity	CE cULus EAC WEEE

## Electrical connection

Bending radius min., fixed cable	6 x D
Bending radius min., flexible cable	10 x D
Cable	PVC Shielded gray, 0.60 m
Cable diameter D	7.00 mm ±0.40 mm
Conductor cross-section	22 AWG/24 AWG
Connection 1	M12x1-Female, angled, 5-pin, A-coded
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	60 VDC / 60 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, IP69K/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	Bronze/Brass
Material cover nut	Die-cast zinc/Die-cast zinc
Material grip	PUR/PUR

## Mechanical data

Cable jacket, color	gray
Cable length L	0.60 m
Tightening torque pigtail	0.6 Nm/1.5 Nm

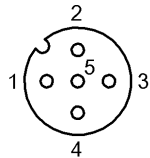
Double-Ended Cordsets  
**BCC M425-A315-3F-330-VS85N6-006**  
**Order Code: BCC0HRJ**



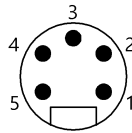
**Remarks**

Cable construction acc. to CMG 75°C or CL2  
 Flame resistant per UL 1685 (CSA FT4)  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**

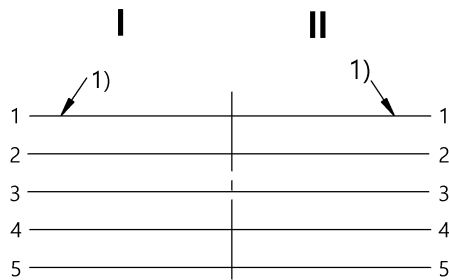


I  
 PIN 1: shield  
 PIN 2: red, Pair 1  
 PIN 3: black, Pair 1  
 PIN 4: white, Pair 2  
 PIN 5: blue, Pair 2



II  
 PIN 1: shield  
 PIN 2: red, Pair 1  
 PIN 3: black, Pair 1  
 PIN 4: white, Pair 2  
 PIN 5: blue, Pair 2

**Wiring Diagrams**



1) Shield on PIN 1