5-pin A-Code Single-Ended M12 CANOpen Cordsets

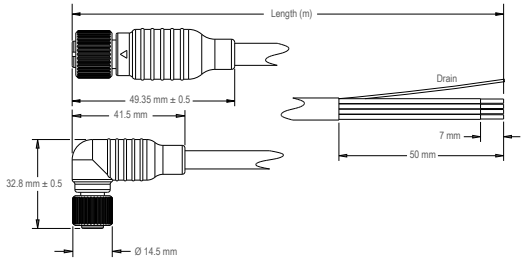
Features

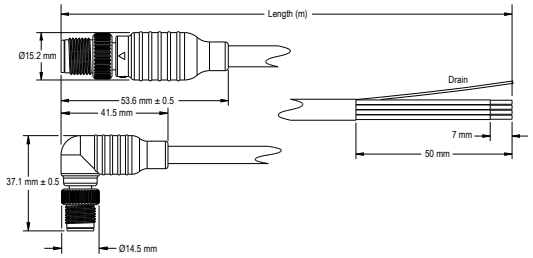
- M12 female or male to flying leads, five conductors, multiple length options
- Black PVC jacket, A-code connector
- Straight and right-angle connector options
- PLTC cable
- Shielded twisted pair / drain wire
- CANOpen communications

Models

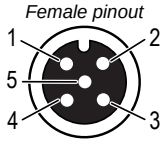
Connector		Cable		Length		Modifiers		
BCD-	M12F5Z	-	22	-	2	-	CAN	- UP

- 22 = 22 AWG Black PVC
- UP = PLTC Cable
- M12F5Z = 5-pin M12 Female, Large Body
  M12M5Z = 5-pin M12 Male, Large Body
  M12F5ZA = 5-pin M12 Female, Large Body, Right-Angle
  M12M5ZA = 5-pin M12 Male, Large Body, Right-Angle
- Length (m)
- CAN = CANOpen Protocol

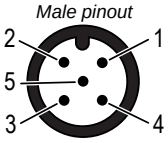




Female pinout



Male pinout



1 = Drain
2 = Red (V+)
3 = Black (V-)
4 = Green (CAN H)
5 = Yellow (CAN L)

Specifications

Current Rating
4 A

Voltage Rating
60 V

Minimum Bend Radius
>10× the outside diameter

Connections
Integral 5-pin M12 female or male quick disconnect

Coding
A

Construction
Coupling nut material: Nickel-plated brass
Contact carrier: Black nylon
Connector body: Black TPU

Cable

Cable
22 AWG

Original Instructions
19-Aug-26

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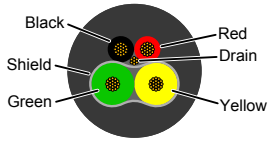
257703
p/n: 257703 Rev. B

Outer diameter: 6.99 mm
Jacket material: Black PVC
Shielded, twisted pair (gn/ye)
Drain



Bend Radius

Minimum: >10× the outside diameter

Approvals

PLTC (Power-Limited Tray Cable): 105 °C, 300 V
Sunlight resistant
CMX-OUTDOOR-CMG

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