5-pin A-Code Single-Ended Z-Body M12 Female and Male 22 AWG Shielded Cordsets

Features

- 5-pin A-code single-ended M12 female or male to flying leads
- Straight models with keyway indicator
- ITC/PLTC cable
- PVC jacket, shielded
- Shield tied to coupling nut
- EMI/RFI protection
- Sunlight and oil resistant

Models

Connector	Gender	Pin Count	Body	-	Cable	-	Length
BC-	M12	F	5	S	-	22	-	5

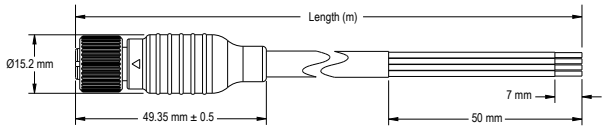
F = Female
M = Male

S = Z-body, Shielded to Coupling Nut, Straight

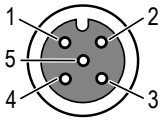
22 = 22 AWG Black PVC

Length (m)

5-pin A-Code Z-Body M12 Female Shielded

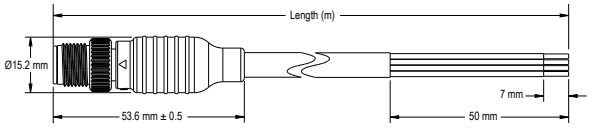


5-pin A-Code M12 Female

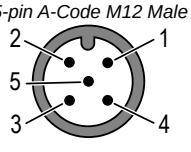


1. Brown
2. White
3. Blue
4. Black
5. Gray

5-pin A-Code Z-Body M12 Male Shielded



5-pin A-Code M12 Male



1. Brown
2. White
3. Blue
4. Black
5. Gray

Specifications

Current Rating
4 A

Voltage Rating
30 V

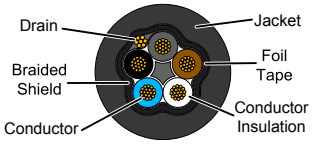
Coding
A

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

Connections
5-pin M12 female or male quick disconnect, depending on the model ordered

Operating Conditions
Operating temperature: –40 °C to +70 °C (–40 °F to +158 °F)
Storage temperature: –40 °C to +70 °C (–40 °F to +158 °F)
90% at +50 °C maximum relative humidity (non-condensing)

Cable
22 AWG
Outer diameter: 6.7 mm
Static bend radius: 5× the outside diameter
Dynamic bend radius: 10× the outside diameter
Jacket material: Black PVC
Drain/Shield: 24 AWG drain, Mylar foil and tinned copper braid
ITC (Instrumentation Tray Cable): 105 °C, 150 V, 5 A or less
PLTC (Power-Limited Tray Cable): 105 °C, 300 V
Sunlight resistant
Oil Res I and II
CMX-OUTDOOR-CMG
FT4 flame rating
MSHA



Original Instructions
17-Mar-26

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