Stewart Connector

M12 D-Code

Connectors and Cable Assemblies

The M12 D-Code connectors are useful for replacements, upgrades and installations for a standard connector type used in industrial automation, automobile manufacturing, and factory automation machines.

M12 D-Code connectors have 4 pins and comply with Profinet, EtherCAT, and Ethernet/IP protocols. The entire product line is IP67 and IP68 rated when installed, adding to the reliable nature of these connectors in an industrial environment.

Features & Benefits

- IP68 Female Panel Mount Solder Cup
- IP68 Female Board Mount Vertical
- IP67 Male & Female Field Terminated Connectors – Screw Type
- IP67 Male & Female Field Terminated Connectors – Crimp Type
- IP67 Cable Assemblies, 4-Pin, in several configurations and length options
- Supports Fast Ethernet - 100 Mb/s Profinet and Ethernet/IP
- D-coding (or keying) within the M12 series prevents mismatching with other M12 coding/keying options
- RoHS Compliant

Applications

- Industrial
- Harsh Environments

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Connectors

Part Number	Gender	Performance	Orientation	Type	Termination
SS-12300-001	Female	IP68	Vertical	Panel Mount	Solder
SS-12300-002	Male	IP67	Straight	Field Terminated Plug	Crimp
SS-12300-003	Female	IP68	Vertical	Board Mount	Solder
SS-12300-004	Female	IP67	Straight	Field Terminated Socket	Crimp
SS-12300-005	Male	IP67	Straight	Field Terminated Plug	Screw
SS-12300-006	Female	IP67	Straight	Field Terminated Socket	Screw

Cable Assemblies

BC - M A D D xxx M (y)

BC = Cable Assembly Family

Series
M = M12

Cable Type
A = S/SFT, Cat 6a, 26 AWG, 4 twisted pair, TPU green, 0D 6.2

Connector End A
D = M12 D-Code Male Plug Assembled

Options

UOM
F = Feet
M = Meters

Length
001(F) = 1 ft
002(F) = 2 ft
010(M) = 1 m
015(M) = 1.5 m
020(M) = 2 m
010(F) = 10 ft
100(M) = 10 m

Connector End B
D = M12 D-Code Male Plug Assembled

Part Number	Performance	Connector End A	Connector End B	Lengths Available [ft]	[m]
BC-MADD010M	IP67	M12 D-Code Male	M12 D-Code Male	3.28	1.0
BC-MADD020M	IP67	M12 D-Code Male	M12 D-Code Male	6.56	2.0

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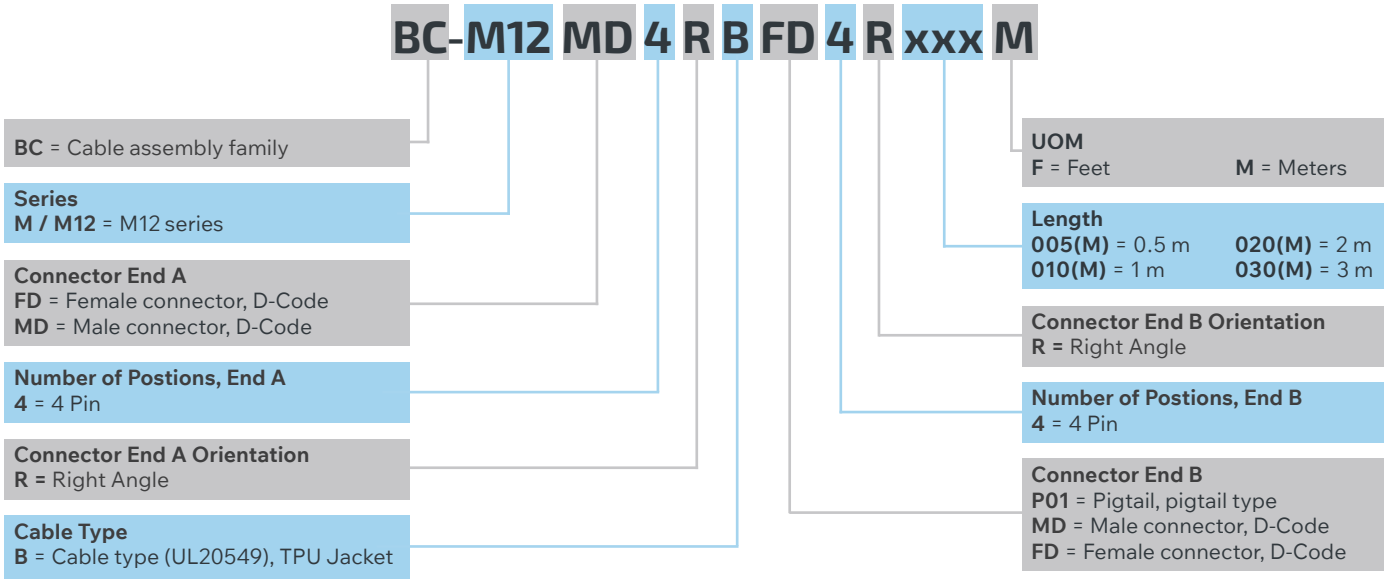

Part Number	Performance	Connector End A	Connector End B	Lengths Available [ft]	[m]
BC-M12MD4RBP01005M	IP67	M12 D-Code Male Right-Angle	Pigtail	1.64	0.5
BC-M12MD4RBP01010M	IP67	M12 D-Code Male Right-Angle	Pigtail	3.28	1.0
BC-M12MD4RBP01020M	IP67	M12 D-Code Male Right-Angle	Pigtail	6.56	2.0
BC-M12MD4RBP01030M	IP67	M12 D-Code Male Right-Angle	Pigtail	9.84	3.0
BC-M12FD4RBP01005M	IP67	M12 D-Code Female Right-Angle	Pigtail	1.64	0.5
BC-M12FD4RBP01010M	IP67	M12 D-Code Female Right-Angle	Pigtail	3.28	1.0
BC-M12FD4RBP01020M	IP67	M12 D-Code Female Right-Angle	Pigtail	6.56	2.0
BC-M12FD4RBP01030M	IP67	M12 D-Code Female Right-Angle	Pigtail	9.84	3.0
BC-M12MD4RBMD4R005M	IP67	M12 D-Code Male Right-Angle	M12 D-Code Male Right-Angle	1.64	0.5
BC-M12MD4RBMD4R010M	IP67	M12 D-Code Male Right-Angle	M12 D-Code Male Right-Angle	3.28	1.0
BC-M12MD4RBMD4R020M	IP67	M12 D-Code Male Right-Angle	M12 D-Code Male Right-Angle	6.56	2.0
BC-M12MD4RBMD4R030M	IP67	M12 D-Code Male Right-Angle	M12 D-Code Male Right-Angle	9.84	3.0
BC-M12MD4RBFD4R005M	IP67	M12 D-Code Male Right-Angle	M12 D-Code Female Right-Angle	1.64	0.5
BC-M12MD4RBFD4R010M	IP67	M12 D-Code Male Right-Angle	M12 D-Code Female Right-Angle	3.28	1.0
BC-M12MD4RBFD4R020M	IP67	M12 D-Code Male Right-Angle	M12 D-Code Female Right-Angle	6.56	2.0
BC-M12MD4RBFD4R030M	IP67	M12 D-Code Male Right-Angle	M12 D-Code Female Right-Angle	9.84	3.0
BC-M12FD4RBFD4R005M	IP67	M12 D-Code Female Right-Angle	M12 D-Code Female Right-Angle	1.64	0.5
BC-M12FD4RBFD4R010M	IP67	M12 D-Code Female Right-Angle	M12 D-Code Female Right-Angle	3.28	1.0
BC-M12FD4RBFD4R020M	IP67	M12 D-Code Female Right-Angle	M12 D-Code Female Right-Angle	6.56	2.0
BC-M12FD4RBFD4R030M	IP67	M12 D-Code Female Right-Angle	M12 D-Code Female Right-Angle	9.84	3.0

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