

M12 A-Code

Connectors and Cable Assemblies

The M12 A-Code product line from Stewart Connector are standard products used in industrial automation, outdoor applications, measurement and control, agriculture and more. A-code M12 connectors are often used for sensors and DC power. The entire product line is IP67 rated when installed, adding to the reliable nature of these connectors in an industrial environment. IDC and soldering termination options offer quick and easy installations, replacements or upgrades.

Features & Benefits

- Includes both male and female panel mount receptacles and field terminated plug options
- A-Coding (or keying) within the M12 series prevents mismatching with other M12 coding/keying options
- Each of the parts in the A-Code series is IP67 rated when installed
- DeviceNet, CAN bus and fieldbus primarily use connectors with 4 and 5 pin options
- Male front panel mount receptacle - available with 0.5 meter leads or solder cup contacts and 4 or 5 pin options
- Male rear panel mount receptacle - available with 0.5 meter leads or PCB solder pins and 4 or 5 pin options
- Female front panel mount receptacle - available with solder cup contacts and a 4 pin option
- Field terminated plugs with solder cup contacts - male and female and 4 or 5 pin options available
- Field terminated plugs with IDCs - both 4 and 5 pin options available for male plugs, 4 pin option available for female plugs
- M12 A-Code Right Angle Cable Assemblies: 4-Pin, TPU Jacket in several configuration and length options

Applications

- Factory automation
- Sensors and power applications
- Communications
- Robotics
- Alternative energy solutions



M12-A-Code

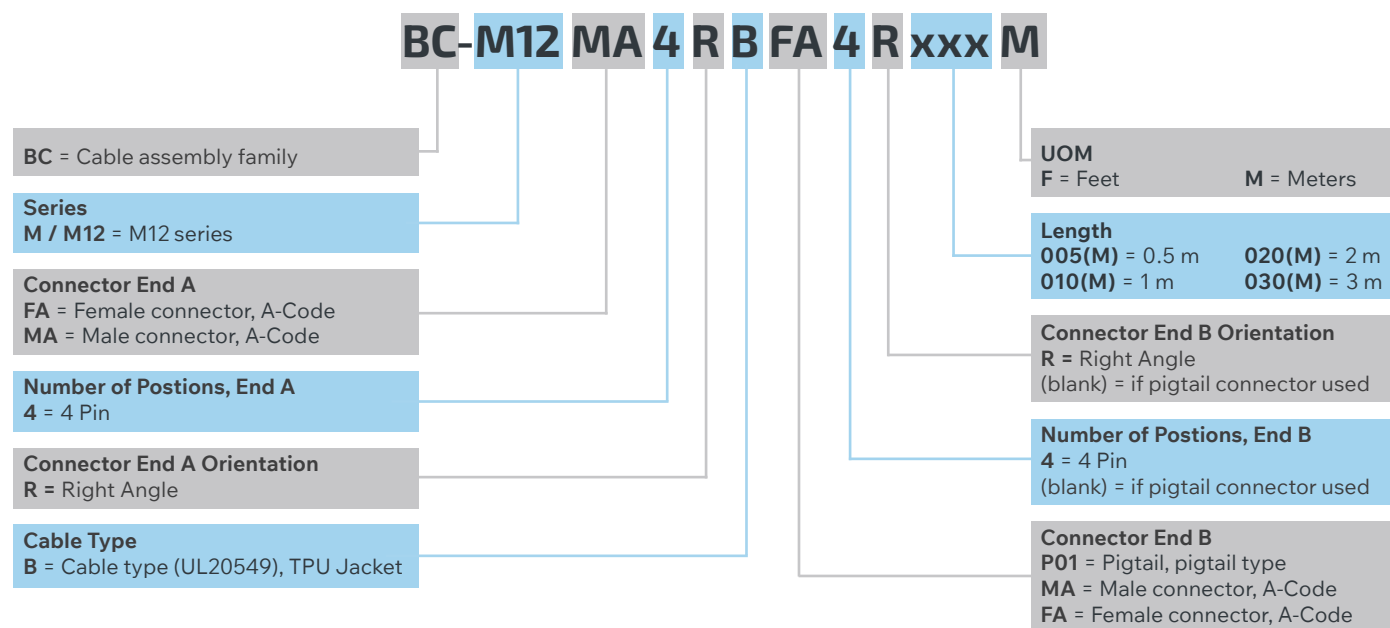
Stewart Connector

Connectors and Cable Assemblies

Connectors

Part Number	Gender	Number of Contacts	Orientation	Type	Termination
SS-12000-001	Male	4	Straight	Front Panel Mount Receptacle	Solder Cup Contacts
SS-12000-002	Male	5	Straight	Front Panel Mount Receptacle	Solder Cup Contacts
SS-12000-003	Male	4	Straight	Rear Panel Mount Receptacle	Solder Cup Contacts
SS-12000-004	Male	5	Straight	Rear Panel Mount Receptacle	Solder Cup Contacts
SS-12000-005	Female	4	Straight	Front Panel Mount Receptacle	Solder Cup Contacts
SS-12000-009	Male	4	Straight	Front Panel Mount Receptacle with 0.5 m Leads	Leads
SS-12000-010	Male	5	Straight	Front Panel Mount Receptacle with 0.5 m Leads	Leads
SS-12000-011	Male	4	Straight	Rear Panel Mount Receptacle with 0.5m Leads	Leads
SS-12000-012	Male	5	Straight	Rear Panel Mount Receptacle with 0.5 m Leads	Leads
SS-12000-017	Male	4	Straight	Field Terminated Plug	Solder Cup Contacts
SS-12000-018	Male	5	Straight	Field Terminated Plug	Solder Cup Contacts
SS-12000-019	Female	4	Straight	Field Terminated Plug	Solder Cup Contacts
SS-12000-020	Female	5	Straight	Field Terminated Plug	Solder Cup Contacts
SS-12000-021	Male	4	Straight	Field Terminated Plug	IDCs
SS-12000-022	Male	5	Straight	Field Terminated Plug	IDCs
SS-12000-023	Female	4	Straight	Field Terminated Plug	IDCs

Cable Assemblies



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Specification subject to change without notice.

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Stewart Connector

Part Number	Performance	Connector End A	Connector End B	Lengths Available	
				[ft]	[m]
BC-M12MA4RBP01005M	IP67	M12 A-Code Male Right-Angle	Pigtail	1.64	0.5
BC-M12MA4RBP01010M	IP67	M12 A-Code Male Right-Angle	Pigtail	3.28	1.0
BC-M12MA4RBP01020M	IP67	M12 A-Code Male Right-Angle	Pigtail	6.56	2.0
BC-M12MA4RBP01030M	IP67	M12 A-Code Male Right-Angle	Pigtail	9.84	3.0
BC-M12FA4RBP01005M	IP67	M12 A-Code Female Right-Angle	Pigtail	1.64	0.5
BC-M12FA4RBP01010M	IP67	M12 A-Code Female Right-Angle	Pigtail	3.28	1.0
BC-M12FA4RBP01020M	IP67	M12 A-Code Female Right-Angle	Pigtail	6.56	2.0
BC-M12FA4RBP01030M	IP67	M12 A-Code Female Right-Angle	Pigtail	9.84	3.0
BC-M12MA4RBMA4R005M	IP67	M12 A-Code Male Right-Angle	M12 A-Code Male Right-Angle	1.64	0.5
BC-M12MA4RBMA4R010M	IP67	M12 A-Code Male Right-Angle	M12 A-Code Male Right-Angle	3.28	1.0
BC-M12MA4RBMA4R020M	IP67	M12 A-Code Male Right-Angle	M12 A-Code Male Right-Angle	6.56	2.0
BC-M12MA4RBMA4R030M	IP67	M12 A-Code Male Right-Angle	M12 A-Code Male Right-Angle	9.84	3.0
BC-M12MA4RBFA4R005M	IP67	M12 A-Code Male Right-Angle	M12 A-Code Female Right-Angle	1.64	0.5
BC-M12MA4RBFA4R010M	IP67	M12 A-Code Male Right-Angle	M12 A-Code Female Right-Angle	3.28	1.0
BC-M12MA4RBFA4R020M	IP67	M12 A-Code Male Right-Angle	M12 A-Code Female Right-Angle	6.56	2.0
BC-M12MA4RBFA4R030M	IP67	M12 A-Code Male Right-Angle	M12 A-Code Female Right-Angle	9.84	3.0
BC-M12FA4RBFA4R005M	IP67	M12 A-Code Female Right-Angle	M12 A-Code Female Right-Angle	1.64	0.5
BC-M12FA4RBFA4R010M	IP67	M12 A-Code Female Right-Angle	M12 A-Code Female Right-Angle	3.28	1.0
BC-M12FA4RBFA4R020M	IP67	M12 A-Code Female Right-Angle	M12 A-Code Female Right-Angle	6.56	2.0
BC-M12FA4RBFA4R030M	IP67	M12 A-Code Female Right-Angle	M12 A-Code Female Right-Angle	9.84	3.0



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Mouser Electronics

Authorized Distributor

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