

M12 X-Code

M12 X-Code connectors are a growing standard for industrial automation, outdoor applications, agriculture and more. X-Code connectors feature 8 positions and are often used for industrial Ethernet connectivity and transmission.

The M12 X-Code PCB mount connectors have the transmission reliability of Stewart Connector's RJ45 connectors combined with the robust features needed in industrial environments where M12 connectors are common.

The M12 X-Code plugs do not require specialty tools to terminate to cable, making it an ideal solution for field terminations or rework.

The M12 X-Code panel mount version has solder cup termination for ease of connection.

Features & Benefits

- M12 X-Code 8-pin plugs can run 10 Gbps data transmissions
- X-coding within the M12 series prevents mismatching with other M12 coding/keying options
- IP67 rated
- Gold Plated Contacts
- IDC termination for easy field termination
 - Accepts cable diameter 0.267in - 0.354in (6.8mm – 9.0mm)
 - Accommodates 24 and 26 AWG wire

Applications

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

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M12 X-Code PCB Mount Connectors

Part Number	Gender	Contacts	Termination	Orientation	Type
SS-12400-001	Male	8	IDC	Straight	Field Terminated Plug
SS-12400-003	Female	8	Solder	Vertical	Rear Mount PCB Receptacle
SS-12400-004	Female	8	Solder	Right Angle	Rear Mount PCB Receptacle
SS-12400-005	Female	8	Solder	Vertical	Panel Mount

Accessories

Part Number	Material	Type	Type
SS-60400-006	Plastic Cap	Cap / Cover	Plastic Cap for the M12 X-Code Panel Mount

Mouser Electronics

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Bel:

[SS-12400-001](#) [SS-12400-004](#) [SS-12400-003](#)