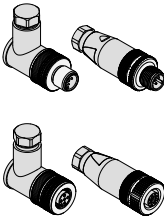


M12 BFW-M12xxx-6X (5-pin) Field Wireables
Datasheet

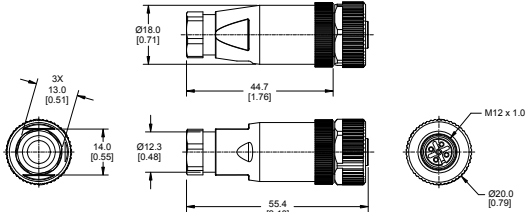
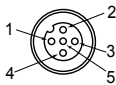
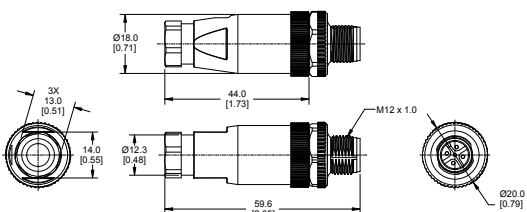
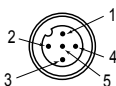
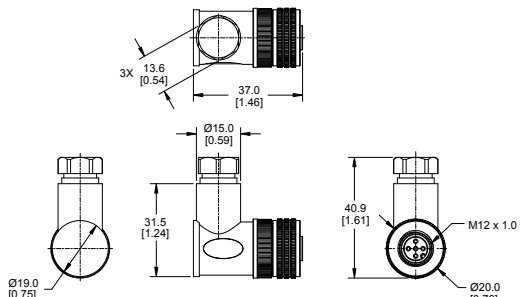
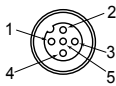


Features

	<ul style="list-style-type: none">• M12 field wireables• Screw terminal for a secure connection• Straight and right-angle connector options
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Models

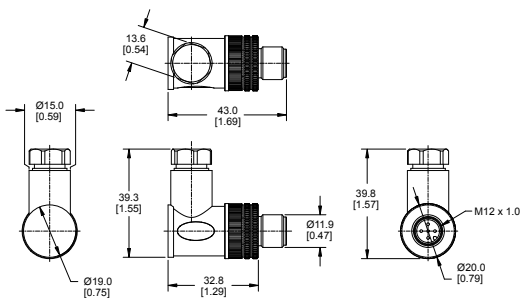
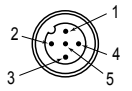
M12 Field-Wireable Connectors

Model	Style	Dimensions	Gender	Pinout
BFW-M12F5-6X	5-Pin Straight		Female	
BFW-M12M5-6X			Male	
BFW-M12F5A-6X	5-Pin Right-Angle		Female	

Continued on page 2



Continued from page 1

Model	Style	Dimensions	Gender	Pinout
BFW-M12M5A-6X			Male	

Specifications

Current Rating

4 A

Voltage Rating

60 V AC/DC

AWG

22⁽¹⁾

⁽¹⁾ Maximum gauge recommended

Cable Outside Diameter

4 mm to 6 mm

Construction

Coupling nut material: Aluminum alloy
Connector body: Glass-filled polyamide
Connector contacts: Gold-plated brass
Connector insert: Thermoplastic polyurethane
O-Ring seal: FKM rubber

Resistance

Insulation resistance: $\geq 100 \text{ M}\Omega$
Contact resistance: $\leq 5 \text{ m}\Omega$

Operating Conditions

-25°C to $+90^{\circ}\text{C}$ (-13°F to $+194^{\circ}\text{F}$)

Environmental Rating

IP67⁽²⁾

⁽²⁾ Rating applicable when the properly sized cable is used and the connector is fully mated

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