

M12 BFW-M12xxx-8X (8-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-M12F8-8X			Female	
BFW-M12M8-8X	8-Pin Straight		Male	
BFW-M12F8A-8X	8-Pin Right-Angle		Female	

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Model	Style	Dimensions	Gender	Pinout
BFW-M12M8A-8X			Male	

Specifications

Current Rating

2 A

Voltage Rating

30 V AC/DC

AWG

22⁽¹⁾

⁽¹⁾ Maximum gauge recommended

Cable Outside Diameter

6 mm to 8 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 °C (-13 °F to +194 °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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