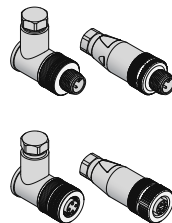


M12 BFW-M12xxx-6X (4-pin) Field Wireables

Datasheet



Features



- M12 field wireables
- Screw terminal for a secure connection
- Straight and right-angle connector options

Models

M12 Field-Wireable Connectors

Model	Style	Dimensions	Gender	Pinout
BFW-M12F4-6X	4-Pin Straight		Female	
BFW-M12M4-6X			Male	
BFW-M12F4A-6X	4-Pin Right-Angle		Female	
BFW-M12M4A-6X			Male	



Specifications

Current Rating

4 A

Voltage Rating

250 V AC/DC

AWG

22⁽¹⁾

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 °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

⁽¹⁾ Maximum gauge recommended

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