

# 4-pin and 5-pin A-Code M12 Field Wireable Connector with Slide Lock Terminals



## Features

- M12 field wireables
- Slide lock for a secure connection
- Straight and right-angle connector options

## Models

Model	Style	Dimensions	Gender	Pinout
BFW-M12F4-6SL	4-Pin Straight		Female	
BFW-M12F5-6SL	5-Pin Straight			
BFW-M12M4-6SL	4-Pin Straight		Male	
BFW-M12M5-6SL	5-Pin Straight			
BFW-M12F4A-6SL	4-Pin Right-Angle		Female	
BFW-M12F5A-6SL	5-Pin Right-Angle			
BFW-M12M4A-6SL	4-Pin Right-Angle		Male	
BFW-M12M5A-6SL	5-Pin Right-Angle			



## Specifications

### Current Rating

4 A

### Voltage Rating

60 V

### Withstanding Voltage

1000 V per 60 Hz at 1 minute

### Insulation Resistance

≥ 100 MΩ

### Connections

Integral 4-pin M12 female quick-disconnect connector

Integral 4-pin M12 male quick-disconnect connector

Integral 5-pin M12 female quick-disconnect connector

Integral 5-pin M12 male quick-disconnect connector

The type of connection is dependent on the model - see

Models table for more information

### Connection Code Type

A-Code

### Wire Range

20 AWG to 24 AWG

### Wire Strip Length of Individual Wire

8 mm

### Seals for the Outside Diameter of the Cable

4 mm to 6.5 mm

### Wire Strip Length of the Sheath

24 mm

### Insertion/Withdrawal Cycles

≥ 100

### Operating Temperature

-40 °C to +85 °C (-40 °F to +185 °F)

### Environmental Rating

IP68

### Required Overcurrent Protection



**WARNING:** Electrical connections must be made by qualified personnel in accordance with local and national electrical codes and regulations.

Overcurrent protection is required to be provided by end product application per the supplied table.

Overcurrent protection may be provided with external fusing or via Current Limiting, Class 2 Power Supply.

Supply wiring leads < 24 AWG shall not be spliced.

For additional product support, go to [www.bannerengineering.com](http://www.bannerengineering.com).

Supply Wiring (AWG)	Required Overcurrent Protection (A)	Supply Wiring (AWG)	Required Overcurrent Protection (A)
20	5.0	26	1.0
22	3.0	28	0.8
24	2.0	30	0.5

### Certifications



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