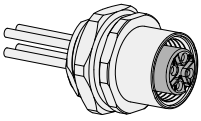


## Features

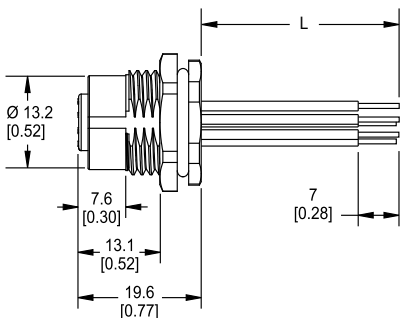
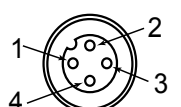
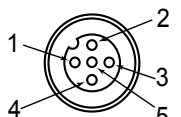
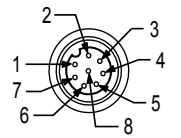
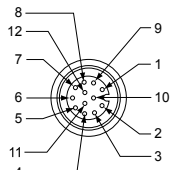


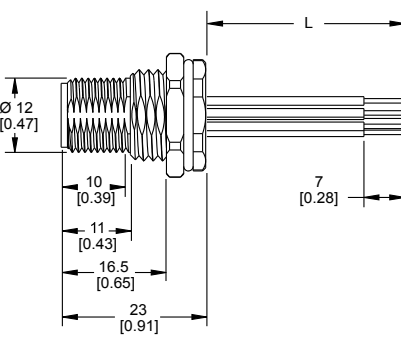
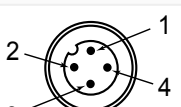
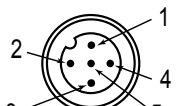
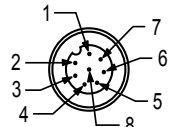
- M12, multiple length options
- Nickel-plated brass housing, unshielded, A-code connector
- Straight M12 connector, locknut included

## BR-M12xxF9-x Models

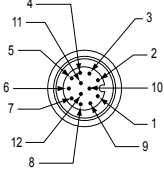
### Model Key

Housing	-	Connector	Gender	Pin Count	Mounting Style	Threading	-	Length
BR = Banner Receptacle		M12	M = Male	4	F = Front Mount	9 = PG9		0.5 = 0.5 m
			F = Female	5				1 = 1 m
				8				2 = 2 m
				12				

M12 Front Mount Receptacles - Female				
Model	Length	Dimensions (mm)	Pinout (Female)	
BR-M12F4F9-0.5	0.5 m (1.64 ft)			1 = Brown 2 = White 3 = Blue 4 = Black
BR-M12F4F9-1	1 m (3.28 ft)			
BR-M12F4F9-2	2 m (6.56 ft)			
BR-M12F5F9-0.5	0.5 m (1.64 ft)			1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
BR-M12F5F9-1	1 m (3.28 ft)			
BR-M12F5F9-2	2 m (6.56 ft)			
BR-M12F8F9-0.5	0.5 m (1.64 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red
BR-M12F8F9-1	1 m (3.28 ft)			
BR-M12F8F9-2	2 m (6.56 ft)			
BR-M12F12F9-0.5	0.5 m (1.64 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red 9 = Orange 10 = Plum 11 = Black 12 = Violet

M12 Front Mount Receptacles - Male				
Model	Length	Dimensions (mm)	Pinout (Male)	
BR-M12M12F9-0.5	0.5 m (1.64 ft)			1 = Brown 2 = White 3 = Blue 4 = Black
BR-M12M12F9-1	1 m (3.28 ft)			
BR-M12M12F9-2	2 m (6.56 ft)			
BR-M12M4F9-0.5	0.5 m (1.64 ft)			1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
BR-M12M4F9-1	1 m (3.28 ft)			
BR-M12M4F9-2	2 m (6.56 ft)			
BR-M12M5F9-0.5	0.5 m (1.64 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red
BR-M12M5F9-1	1 m (3.28 ft)			
BR-M12M5F9-2	2 m (6.56 ft)			

Continued on page 2

M12 Front Mount Receptacles - Male				
Model	Length	Dimensions (mm)	Pinout (Male)	
BR-M12M8F9-0.5	0.5 m (1.64 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red 9 = Orange 10 = Plum 11 = Black 12 = Violet

BR-M12xxF9-x Specifications

Current Rating

- 4-pin and 5-pin receptacles: 4 A
- 8-pin receptacles: 2 A
- 12-pin receptacles: 1.5 A

Voltage Rating

- 4-pin receptacles: 250 V AC/DC
- 5-pin receptacles: 60 V AC/DC
- 8-pin and 12-pin receptacles: 30 V AC/DC

Conductors

- 4-pin receptacles: 4 × 22
- 5-pin receptacles: 5 × 22
- 8-pin receptacles: 8 × 24
- 12-pin receptacles: 12 × 26

Construction

- Conductor material: PVC
- Contact carrier: TPU
- Contacts: Gold-plated brass
- Housing: Nickel-plated brass
- Threading: PG9
- O-Ring (female only): FKM rubber

Operating Conditions

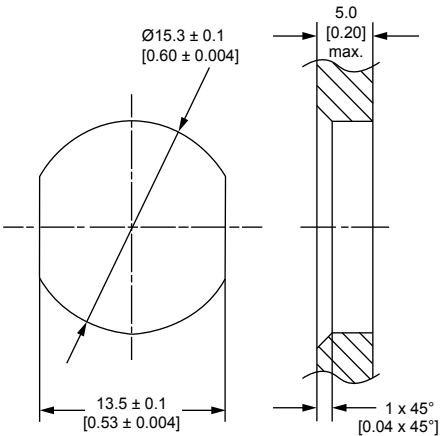
Operating temperature: -20 °C to +70 °C (-4 °F to +158 °F)

Environmental Rating

IP67

Recommended Panel Cut-Out

All measurements are listed in millimeters, unless noted otherwise.



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For patent information, see [www.bannerengineering.com/patents](http://www.bannerengineering.com/patents).

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Revision: C  
Original Instructions  
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