M12 Rear Mount Receptacles

Features



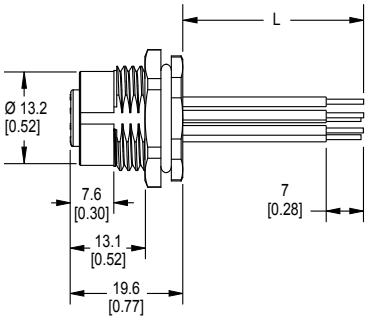
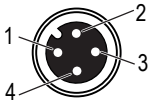
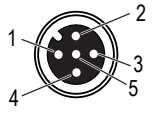
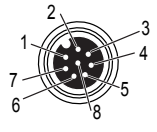
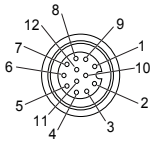
- M12, multiple length options
- Nickel-plated brass housing, unshielded, A-code connector
- Straight M12 connector, locknut included

Models

Model Key

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

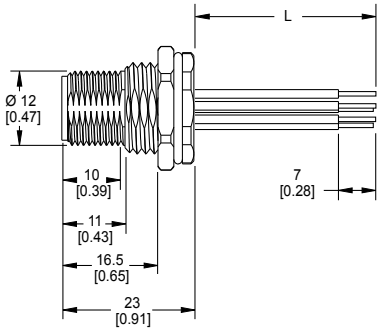
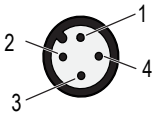
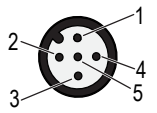
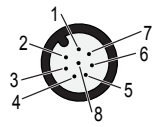
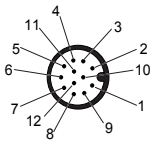
M12 Rear Mount Receptacles - Female

Model	Length	Dimensions (mm)	Pinout (Female)	
BR-M12F4R9-0.5	0.5 m (1.64 ft)			1 = Brown 2 = White 3 = Blue 4 = Black
BR-M12F4R9-1	1 m (3.28 ft)			
BR-M12F4R9-2	2 m (6.56 ft)			
BR-M12F5R9-0.5	0.5 m (1.64 ft)			1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
BR-M12F5R9-1	1 m (3.28 ft)			
BR-M12F5R9-2	2 m (6.56 ft)			
BR-M12F8R9-0.5	0.5 m (1.64 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red
BR-M12F8R9-1	1 m (3.28 ft)			
BR-M12F8R9-2	2 m (6.56 ft)			
BR-M12F12R9-0.5	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

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M12 Rear Mount Receptacles - Male				
Model	**Length**	**Dimensions (mm)**	**Pinout (Male)**	
BR-M12M4R9-0.5	0.5 m (1.64 ft)			1 = Brown 2 = White 3 = Blue 4 = Black
BR-M12M4R9-1	1 m (3.28 ft)			
BR-M12M4R9-2	2 m (6.56 ft)			
BR-M12M5R9-0.5	0.5 m (1.64 ft)			1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
BR-M12M5R9-1	1 m (3.28 ft)			
BR-M12M5R9-2	2 m (6.56 ft)			
BR-M12M8R9-0.5	0.5 m (1.64 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red
BR-M12M8R9-1	1 m (3.28 ft)			
BR-M12M8R9-2	2 m (6.56 ft)			
BR-M12M12R9-0.5	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

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 and 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

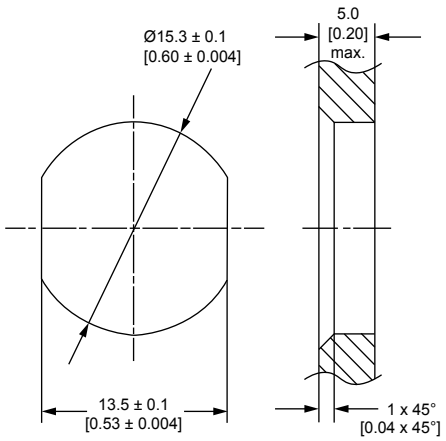
Operating temperature: –20 °C to +70 °C (–4 °F to +158 °F)

Environmental Rating

IP67

Recommended Panel Cut-Out

All measurements are listed in millimeters, unless noted otherwise. The measurements provided are subject to change.



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