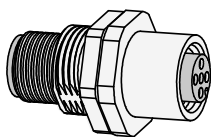


# BR-M12PTx Pass Through Male-Female Receptacles



## Features

M12 A-coding Male-Female Panel Mount



- Allows easy In/Out access into panels and cabinets with dual M12 connection on each side
- IP67 rating secures environmental protection for various areas
- Male/female on each side, enabling direct in-line integration with existing cabling

## Models

Model Name	Dimensions (5-pin shown; all other models are functionally identical; all measurements are listed in millimeters [inches], unless noted otherwise)	Pins	Male Pinout	Female Pinout
BR-M12PT4		4		
BR-M12PT5		5		
BR-M12PT8		8		
BR-M12PT12		12		

## Specifications

### Current Rating

4-pin and 5-pin M12 receptacles: 4 A  
8-pin M12 receptacles: 2 A  
12-pin M12 receptacles: 1.5 A

### Voltage Rating

4-pin M12 receptacles: 250 V AC/DC  
5-pin M12 receptacles: 60 V AC/DC  
8-pin and 12-pin M12 receptacles: 30 V AC/DC

### Construction

Coupling nut material: Nickel-plated brass  
Connector contacts: Gold-plated brass  
Connector insert: Glass-filled polyamide/thermoplastic polyurethane  
O-ring seal: Epoxy resin/FKM rubber

### Resistance

Insulation resistance:  $\geq 100 \text{ M}\Omega$   
Contact resistance:  $\leq 5 \text{ m}\Omega$

### Shielding

Available

### Design Standard

IEC 61076-2-101

### Operating Condition

$-25^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$  ( $-13^{\circ}\text{F}$  to  $+194^{\circ}\text{F}$ )

### Environmental Rating

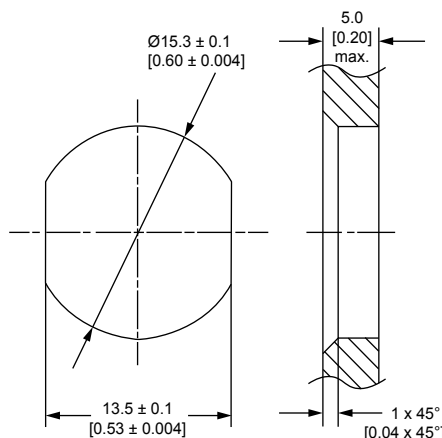
IP67, IP68 in locked condition

### Mating Endurance

> 500 cycles

## Recommended Panel Cut-Out

All measurements are listed in millimeters, unless noted otherwise.



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Document title: BR-M12PTx Pass Through Male-Female Receptacle

Part number: 236137

Revision: B

Original Instructions

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