

## MULTI-FUNCTION ROUTING VALVE (MRV2-3)

10-32, 1/16" BARB to 1/8" BARB

### Design Considerations

- The Multi-Function Routing Valves are a compact Normally Open design
- Used in applications that cannot exhaust to atmosphere
- May be used in place of two valves, providing simultaneous on/off function
- Detented or Momentary Toggle Handle, 10-32 Female Ports
- Supplied with two Electroless Nickel Plated Panel Nuts and lock washer

### Specifications:

<b>Material</b>	BODY, PANEL NUTS and STEM - Electroless Nickel Plated Brass
<b>Type</b>	Toggle Activated (Detented), Toggle Momentary (Spring Return)
<b>Flow Option</b>	Dual 2-Way / 3-Way
<b>Seal Option</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®)
<b>Port 1 - Input for Port 3 (3-Way)</b>	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
<b>Port 2 - Output for Port 4 (2-Way)</b>	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
<b>Port 3 - Output for Port 1 (3-Way)</b>	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
<b>Port 4 - Input for Port 2 (2-Way)</b>	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
<b>Port 5 - Exhaust for Port 3 (3-Way)</b>	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
<b>Toggle Style and Color</b>	Black Nylon, Gray Nylon, Light Gray Nylon Electroless Nickel Plated Brass, Short Electroless Nickel Plated Brass
<b>Spring</b>	STANDARD SPRING - 302 Stainless, 50% SPRING - 302 Stainless
<b>Panel Mount Threads</b>	15/32-32
<b>Maximum Operating Temperature</b>	180 °F
<b>Flow Rate</b>	2.7 SCFM at 50 psi
<b>Toggle Actuation Force - Tested at</b>	<b>Detented</b> Standard Spring- 14oz
<b>50 psi</b>	<b>Momentary</b> Standard Spring - 1 lb 6oz

Configure your exact valve



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### Example of how to order:

Type	Flow Option	Input Port 1	Output Port 2	Output Port 3	Input Port 4	Exhaust Port 5	Seal	Handle
Toggle Activated, Detented	Dual 2-Way /3-Way	10-32 Female	10-32 Female	10-32 Female	10-32 Female	10-32 Female	Buna	Black Nylon

**Part Numbers** are a description of the valve as read left to right, Input (Port 1), Output (Port 2), Output (Port 3), Input (Port 4), Exhaust (Port 5).

**MRV2-3-B,10-32F,10-32F,10-32F,10-32F,10-32F,B** = Toggle Activated Detented, Dual 2-Way/3-Way, Buna Seals, 10-32 Female Input x 10-32 Female Output x 10-32 Female Output x 10-32 Female Input x 10-32 Female Exhaust, Black Nylon Toggle Handle