

MULTI-FUNCTION ROUTING VALVE (MRV2-2)

10-32, 1/16" 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:

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

Configure your exact valve



Example of how to order:

Type	Flow Option	Input Port 1	Output Port 2	Output Port 3	Input Port 4	Port 5	Seal	Handle
Toggle Activated, Detented	Dual 2-Way/2-Way	10-32 Female	10-32 Female	10-32 Female	10-32 Female	Plugged	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), Port 5 is plugged..

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