

# THE SPECIALTY MFG. CO.

5858 Centerville Road  
St. Paul, MN 55127

Custom Is Our Specialty

ISO 9001:2015

MADE IN THE USA

The Specialty Mfg. Co. will quote alternate materials or customize our standard products when quantities ensure competitive pricing.  
**Contact Customer Service** at (651) 653-0599  
**FAX** - (651) 653-0989  
**E-Mail** - info@specialtymfg.com

## MANIFOLD CARTRIDGE ROUTING VALVE (0.201 Orifice Input Port)



### Example of how to order

Type	Flow Option	Inlet Port	Outlet Port	Outlet Port	Seal	Handle
Toggle		.201			Buna	Black
Activated, Detented	Normally Open	Orifice	.094 (X2) Orifice	.094 (X2) Orifice		Nylon

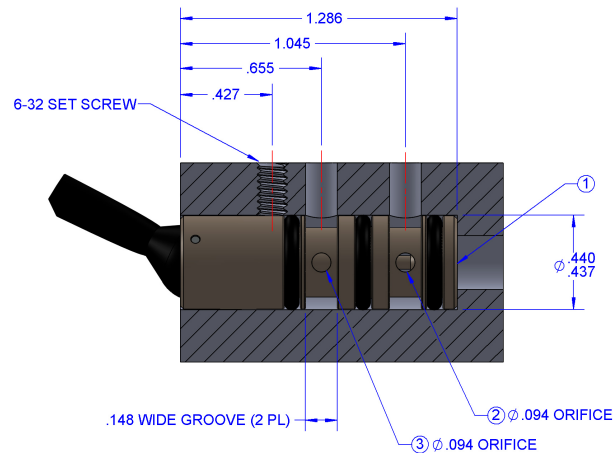
**Part Numbers** are a description of the valve.

**MCRV2NO-B,B** = Toggle Activated Detented, 2-Way Non-Exhausting, Normally Open, Buna Seals, Black Nylon Toggle Handle

### Design Considerations

- The Manifold Cartridge Routing Valves are a compact Normally Open design
- Can be used as a single Input to divert flow
- Can be used as a Ported Exhaust Valve
- Can be used as a two Input Selector Valve
- Detented or Momentary Toggle Handle

### Body Cavity Dimensions



### Specifications

Material	BODY and STEM - Electroless Nickel Plated Brass	
Type	Toggle Activated (Detented), Toggle Momentary (Spring Return)	
Flow Option	2-Way (Non-Exhausting), Normally Open	
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®)	
Port #1	.201 Orifice	
Port #2	.094 (X2) Orifice	
Port #3	.094 (X2) Orifice	
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	
Maximum Operating Temperature	180 °F	
Flow Rate	2.5 SCFM at 50 psi	
Toggle Actuation Force - Tested at	Detented Standard Spring - 11 oz	

50 psi	Momentary Standard Spring - 1 lb 4 oz
Compatibility Statement	<p>It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products.</p> <p>Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.</p>
Pricing and Minimum Order Requirement	<p>Our Minimum Order Requirements are \$150.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered.</p> <p><b>Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.</b></p>