

## Features

- 6-positions
- Common input
- Detented knob
- Two styles of actuation
- Black anodized for corrosion resistance
- Panel mount
- 10-32 (F) ports



## 6-Position Selector Valve

Selector Valves allow the actuation of up to six individual circuits from a common input port. Two styles of valves, Standard and Shut-off, are available to accommodate application requirements.

The **Standard Selector Valve** directs flow through each output port as the knob is turned. The **Shut-off Selector Valve** requires the knob to be pushed-in and turned, blocking flow to the output ports until a position is selected. These 3-Way valves exhaust to atmosphere upon selection of a new output port.

A spring-loaded “wear compensating seat” retains a tight fit ensuring that the valve will not leak with wear.

Pneumadyne’s O-ring style and Push-to-Connect fittings are ideal for use in the 10-32 (F) input and output ports.

## Performance Data

| Temperature Range | Operating Pressure |
|-------------------|--------------------|
| -20° to 160° F    | 0 to 125 psi       |

| Product            | C <sub>v</sub> | Flow Rate (scfm) |         | Fill Time<br>sec/ in <sup>3</sup><br>0-90 psi | Exhaust Time<br>sec/ in <sup>3</sup><br>100-10 psi |
|--------------------|----------------|------------------|---------|---|--|
|                    |                | 50 psi           | 125 psi |   |  |
| <b>MPS-6-100</b>   | .11            | 4.0              | 8.8     | .0313   | 0.0313   |
| <b>MPS-6-100-S</b> | .09            | 3.2              | 6.7     | .0428   | .0428  |

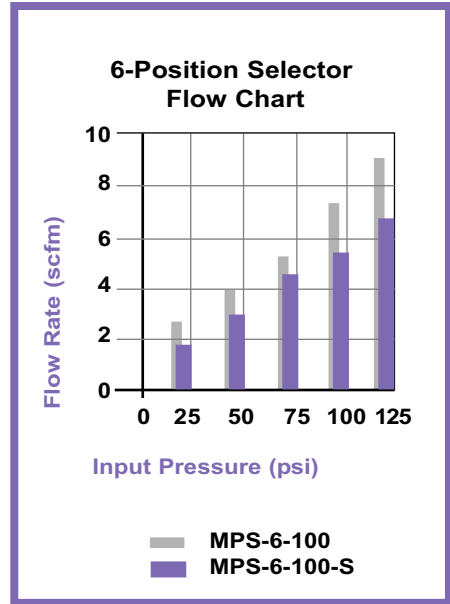
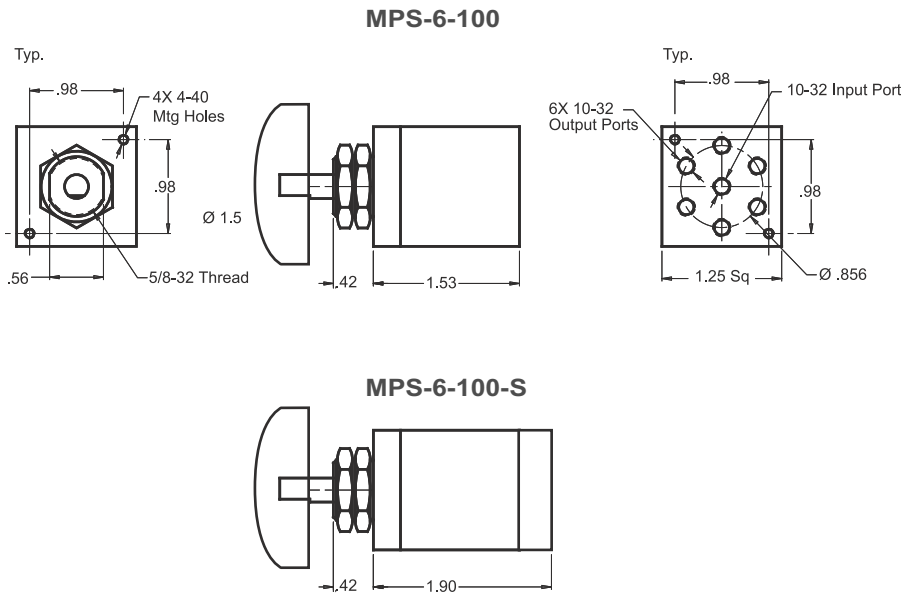
C<sub>v</sub> per ANSI / (NFPA) T3.21.3

## Materials

Aluminum/Anodize, Brass/Electroless Nickel, Stainless Steel, Buna-N, Acetal Copolymer, PTFE, Phenolic

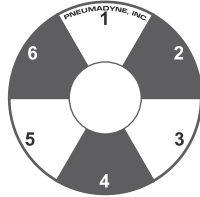
*Pneumadyne’s Selector Valves allow the actuation of up to six individual circuits*

## 6-Position Selector



### Standard Products Ideal for use with Selector Valves

**6-Position Selector Label**  
(included)



- 2" dial label is included for use as a visual guide on a panel. Knob alignment: the set screw must be aligned with the flat on the stem.

**O-ring Barb Fittings & Plugs**  
(sold separately)



- Unused output ports can be plugged with SPG-10
- Reliability of a metal-to-metal mechanical fit
- Captured O-ring for superior seal
- Precision machined barb design
- Electroless nickel plated brass

**Push-to-Connect Fittings**  
(sold separately)  
Product No.  
SF-125PI  
SF-156PI



- Push-to-Connect: 1/8" or 5/32" OD PU tube
- Collet design ensures superior clamping with various types of tubing
- Electroless nickel plated brass

### Product Information

| Part Number | Description        |
|-------------|--------------------|
| MPS-6-100   | Standard Actuation |
| MPS-6-100-S | Shut-off Actuation |

### Mounting Method

| Panel | Nominal mounting hole dimension |
|-------|---------------------------------|
|       | 41/64"                          |

(2) nuts provided

### Ordering Information

- To order standard product refer to Product Information listing.
- Contact factory for custom configurations.