



MODULAR 4-WAY VALVES

R-451



Binary Trigger Valve

Features:

- Micro gap construction - snap action and no blow by
- Dual pilots eliminate shuttle valve
- Balanced design allows speed control at exhausts

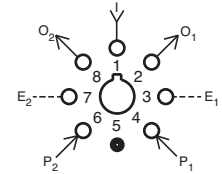
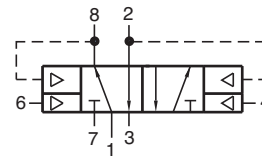
Performance:

Flow: 9 scfm @ 100 psig; 255 l/min @ 6.9 bars

Pilot Pressure Minimum: 40 psig; 2.8 bars

Temperature: 32 to 180°F

Working Pressure: 0 to 150 psig; 0 to 10.3 bars



Description:

R-451 is a special purpose valve designed to work in conjunction with the R-402/R-412 valve to provide a single input flip-flop (binary sub-circuit).

R-453



4-Way Delay Valve

Features:

- Micro gap construction - snap action and no blow by
- Screwdriver slot needle adjustment deters tampering
- Balanced design allows speed control at exhausts

Performance:

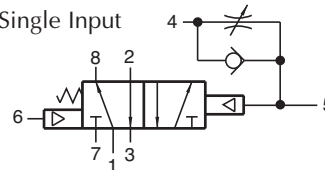
Flow: 9 scfm @ 100 psig; 255 l/min @ 6.9 bars

Pilot Pressure Minimum: 40 psig; 2.8 bars

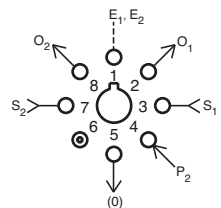
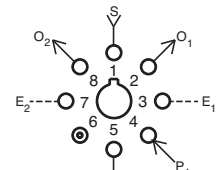
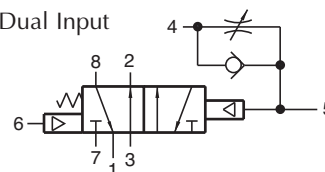
Temperature: 32 to 180°F

Working Pressure: 0 to 150 psig; 0 to 10.3 bars

Single Input



Dual Input



Description:

R-453 is a 4-way, spring return, fully ported 5 port valve with an adjustable flow control valve interconnected to the pilot. A pilot signal input in port 4 will be delayed in before actuating the valve. When the pilot signal is exhausted, the spring shifts the valve. The R-453 can perform all 2-, 3-, and 4-way functions. The R-453 also features an auxiliary pilot on the spring side of the valve.