

"PV" Series solenoid valves are direct-mount (NAMUR VDI/VDE 3845) valves used to pilot pneumatic actuators. The valve is a universal type (5/2 convertible to 3/2) and can be used on double acting or spring return actuators by simply installing the correct seal plate.

The single coil is rated for continuous service and in the event of electrical failure the actuator returns to the clockwise position (normally closed valve) through mechanical springs -in the case of spring return actuators- or air –in the case of the double acting version.

The "PV" has 1/4" NPT air and exhaust connections and a high Cv (1.2) allowing for fast operating times.

"PV" pilot valves are rated to NEMA IV. A local manual override is provided as standard.

Speed controls are available as an option.



General Specifications

Type	5/2, 3/2	
Air Pressure	30 to 145 psig	(2 bar to 10 bar)
Temperature	-4°F to 158°F	
Voltages	Standard	Optional
60/50 Hz AC	110V, 220V	24V
DC	24V	12V, 110V
Power	1.2 Watts AC	(3 Watts DC)
Air Connections	1/4" NPT	
Air Flow (Cv)	1.2	
Electrical Entry	1/2" NPT/DIN type	
Rating/Enclosure	NEMA-IV (weatherproof)	IP-65
Weight	1 pound	

How To Order

	Unit Code	Installed Code
Ordering Code	PV-3/4 (universal)-Voltage	PV-3 (3-Way for SR)-Voltage
		PV-4 (4-Way for DA)-Voltage

"PV" Series Pilot Valve Kit Includes:

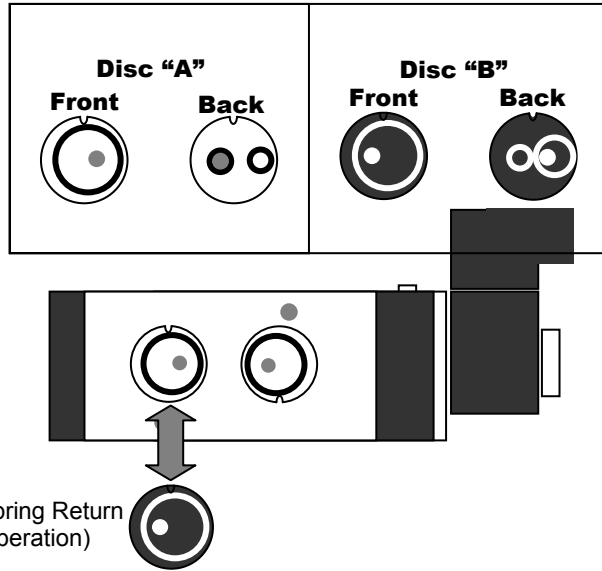
- 1 X Valve
- 1 X Set of Fasteners
- 2 X Disc "A"
- 1 X Disc "B"

For Double Acting Actuator use:

- 2 X Disc "A"

For Spring Return Actuator use:

- 1 X Disc "A" plus
- 1 X Disc "B"

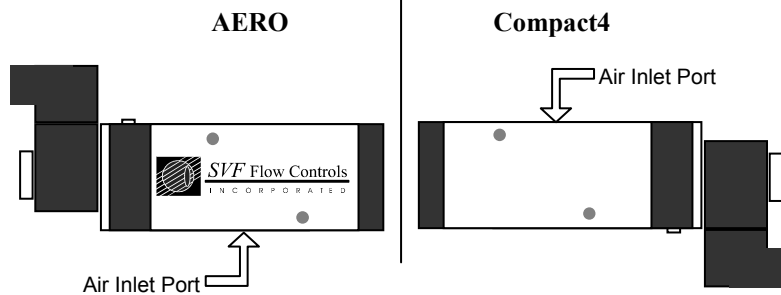


NOTE: The SVF Actuators (Aero and Compact4) each have a manifold to which the pilot valve is mounted.

KEEP IN MIND that each of these actuators has a different mounting arrangement due to the manifold porting.

When using the **AERO**, mount the pilot valve as shown **BELOW/LEFT**.

For the **COMPACT4** mount as shown **BELOW/RIGHT**.



PV-3/4 is the universal valve unit part number. This valve may be used as a 3-Way or 4-Way pilot valve by inverting it as described here.

When installed by SVF to an actuator the part number changes to:

PV-4 (4-Way for Double Acting Actuators) or
PV-3 (3-Way for Spring Return Actuators)

NOTE: On all assemblies, ensure that the actuator is cycling in the desired direction. Action may be reversed by inverting the entire valve or (for PV-3) by exchanging the positions of the directional discs.