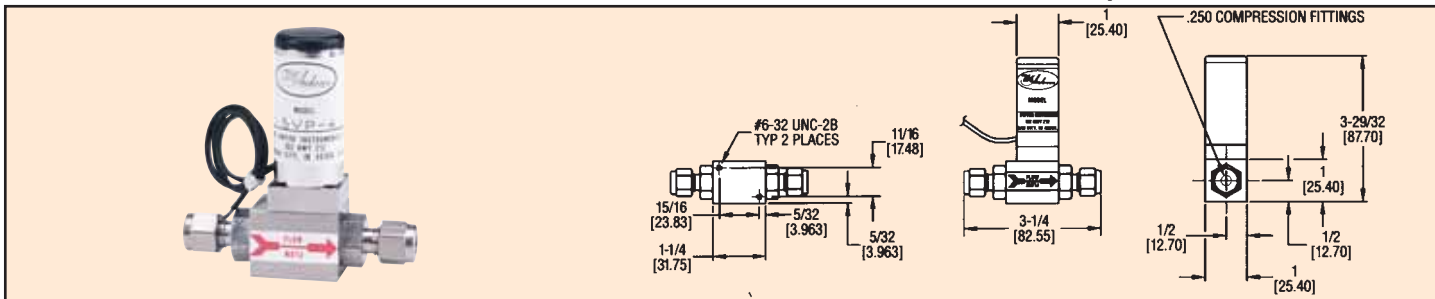




Series
SVP

Proportioning Solenoid Valve

Low Cost, Stainless Steel Construction, 0-24 VDC Input



The Series SVP is a low cost, uniquely designed solenoid valve which controls or regulates flow in proportion to a variable voltage input. While most solenoid valves simply provide on/off service, this unit adds a totally new dimension to solenoid valve performance. Reacting to a 0-24 VDC input signal, the valve opens in proportion to the voltage applied, delivering just the right amount of flow needed. Compatible with a wide range of gases and liquids, this unit provides the solution to even the most demanding applications like process control, chemical mixing, high tech manufacturing and laboratory testing. Another quality feature of this valve is its tight shut-off (NC) when de-energized.

SPECIFICATIONS

Service: Compatible gases.

End Connections: 1/4" compression fitting.

Pressure Limits: 500 psig (34.45 bar).

Wetted Materials: 316 and 416 SS, Viton® O-rings.

Temperature Limits:

Process: -40 to 174°F (-40 to 79°C).

Ambient: -40 to 130°F (-40 to 54°C).

Type of Operation: Normally closed, valve will close when de-energized.

Voltage Input: 0-24 VDC.

Max. Operating Current: 400 mA.

Electrical Connections: (M) spade type.

Maximum Differential Pressure: 50 psid (3.45 bar).

Weight: 12 oz (340 g).

MODELS

MODEL NO.	ORIFICE IN. (MM)	C _v	MAXIMUM FLOW*	
			AIR SCFH (LPM)	WATER GPH (CC/M)
SVP-1	0.020 (0.51)	0.009	7.4 (3.5)	2.0 (125)
SVP-2	0.040 (1.02)	0.033	27.5 (13)	6.4 (400)
SVP-3	0.055 (1.40)	0.055	45.6 (21.5)	11.1 (700)
SVP-4	0.063 (1.60)	0.068	53 (25)	13.5 (850)

*Based on 10 psig (69 kPa) inlet pressure and atmospheric exhaust