

OMEGA-FLO™ 2-WAY PVC SOLENOID VALVES

½ to 1¼" NPT

SV-1000 Series

\$690

Basic Unit



- ✓ All-Plastic Design
- ✓ 120 Vac Standard (dc Optional)

The SV-1000 features a high performance coil that is isolated from the flow medium by a PTFE seal.

SPECIFICATIONS

Valve Operation: Normally closed

Coil Voltage: Standard: 120 Vac
50/60 Hz standard

Power Consumption (Warm Condition): 100 W (inrush), 9 W (hold)

Cycling Rate: 10-20 cpm

Duty Cycle: 100% continuous rating

Electrical Connection: F-type plug
Material: Body of rigid PVC, double seal PTFE/FPM or PTFE/EDPM between valve body and coil system with intermediate chamber exhausted

Max. Ambient Temp.: 50°C (122°F)

Viscosity: 4 x 10⁻⁴ ft²/sec



SV-100X, \$XX,
Shown smaller
than actual size

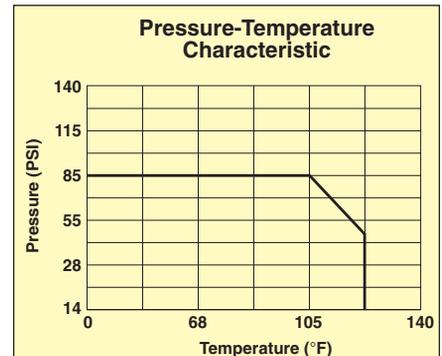
Response Times

Orifice	Opening (ms)	Closing (ms)	
		@ 2.8 psi	@ 85 psi
⅛ and ¼	150-200	800	200
1 and 1¼	150-200	1300	400

The response times were measured using water. Actual performance is dependent on orifice size, pressure, and viscosity of the fluid being handled.

Options (no extra charge)

Ordering Suffix	Description
-24VDC	24 Vdc operation
-12VDC	12 Vdc operation
-240VAC	240 Vac operation
-BUNA	Buna-N seal
-EPDM	EPDM seal



To Order (Specify Model No.) Normally Closed Valves

Model No.	Price	Port Connection (NPT)	C _v	Pressure Range (psi)	Orifice Dia. (in)	Weight kg (lb)
SV-1001	\$690	½"	4.1	0 to 85	⅞	1.25 (2.75)
SV-1002	695	¾"	6.4	0 to 85	¾	1.25 (2.75)
SV-1003	711	1"	12.2	0 to 85	1	1.75 (3.85)
SV-1004	731	1¼"	18.1	0 to 85	1¼	1.75 (3.85)

Comes with complete operator's manual.

Ordering Example: SV-1002-BUNA, valve with ¾ NPT connection, 6.4 C_v rating, 0 to 85 psi pressure range, with Buna-N seal, \$695

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