

# 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<sup>-4</sup> ft<sup>2</sup>/sec



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

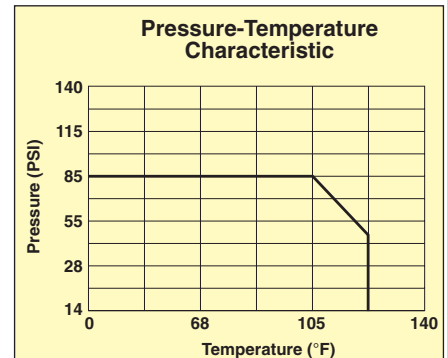
## Response Times

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 <sub>v</sub>	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<sub>v</sub> rating, 0 to 85 psi pressure range, with Buna-N seal, \$695



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1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
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1-800-TC-OMEGA

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#### CZECH REPUBLIC

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