

OMEGA-FLO® 3-WAY GENERAL PURPOSE SOLENOID VALVES

1/4 NPT

SV-1401



- ✓ Ideal for Gases or Liquids
- ✓ Brass or Stainless Steel Wetted Components
- ✓ 120 Vac

The SV-1400 Series direct-acting solenoid valves feature an epoxy-encapsulated coil and lockable manual override. The flow medium is separated from the magnetic system by a hermetically sealing diaphragm. The valves have a brass or stainless steel body and seat, and FKM seal material. A temperature range of -10 to 90°C (14 to 194°F) makes these valves ideal for neutral media such as compressed air,

natural gas, water, hydraulic oil, and oils and fats with no additives (max viscosity is approximately 4×10^{-4} ft²/s). Electrical connection is by cable plug.

SPECIFICATIONS

Mounting Position:

Any (preferably with the solenoid system upright)

Maximum Ambient Temp:

54°C (130°F)

Voltage Tolerance: ±10%

Power Consumption

(in Warm State):

AC: 30 VA/8 W (inrush);
15 VA/8 W (hold)

Opening Time (ms):

AC: 8 to 15

Closing Time (ms):

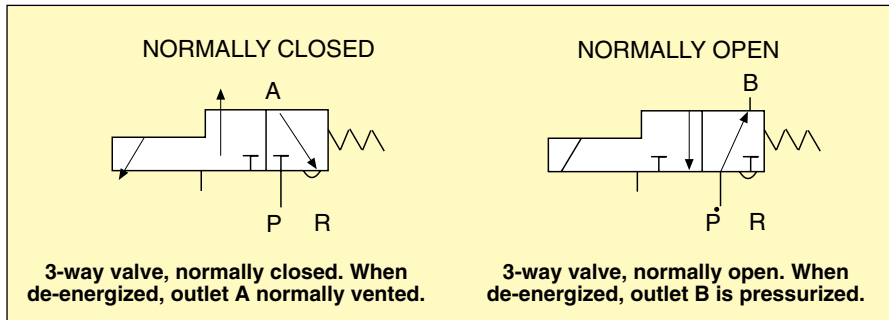
AC: 8 to 15

Cycling Rate: Approx. 1000 cpm

Duty Cycle: Continuous (100%)



SV-1401 shown larger than actual size.



To Order

Normally Open Model No.	Normally Closed Model No.	Port Connection (NPT)	C _v 1	Pressure Range psi	Orifice Diameter	Body Material
SV-1401	SV-1411	1/4	0.13	0 to 170	5/64"	BR
SV-1402	SV-1412	1/4	0.13	0 to 170	5/64"	SS
SV-1403	—	1/4	0.27	0 to 140	1/8"	BR
SV-1404	SV-1414	1/4	0.27	0 to 140	1/8"	SS
SV-1405	SV-1415	1/4	0.33	0 to 70	5/32"	BR
SV-1406	SV-1416	1/4	0.33	0 to 70	5/32"	SS

Comes with complete operator's manual.

Ordering Examples: SV-1401, normally open valve, 1/4 NPT port connection, 0.13 C_v.
SV-1412, normally closed valve, 1/4 NPT port connection, 0.13 C_v.