

OMEGA-FLO® 3-WAY GENERAL PURPOSE SOLENOID VALVES

1/4 NPT

SV-1401
Starts at
\$159



- Ideal for Gases or Liquids
- Brass or Stainless Steel Wetted Components
- 120 Vac Standard (DC Optional)

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 Viton® 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)

Max 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)

DC: 8 W

Opening Time (ms):

AC: 8 to 15

DC: 10 to 20

Closing Time (ms):

AC: 8 to 15

DC: 10 to 20

Cycling Rate: Approx. 1000 cpm

Duty Cycle: Continuous (100%)

FM Approvals: Non-incendiary for

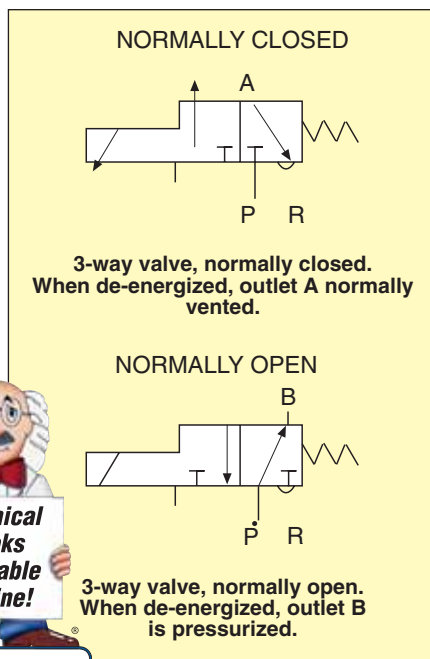
hazardous locations Class I Div. 2

Group A, B, C, D; Class II Div. 2

Group F, G; Class III Div. 1 and 2;

Operating Temperature T4A

SV-1401, \$159,
shown larger
than actual size.



Options (No Additional Charge)

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

Options not available on all models.

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To Order (Specify Model Number)

Normally Open		Normally Closed		Port Connection (NPT)	C _v ¹	Pressure Range psi	Orifice Diameter	Body Material
Model No.	Price	Model No.	Price					
SV-1401	\$159	SV-1411	\$159	1/4	0.13	0 to 170	5/64"	BR
SV-1402*	229	SV-1412	229	1/4	0.13	0 to 170	5/64"	SS
SV-1403	159	SV-1413*	159	1/4	0.27	0 to 140	1/8"	BR
SV-1404	213	SV-1414	229	1/4	0.27	0 to 140	1/8"	SS
SV-1405	159	SV-1415	162	1/4	0.33	0 to 70	5/32"	BR
SV-1406	212	SV-1416	229	1/4	0.33	0 to 70	5/32"	SS

¹ Flow rate values for DC are reduced by 20%.

* SV-1402 and SV-1413 are not UL listed.

Comes with complete operator's manual.

Ordering Examples: SV-1401, normally open valve, 1/4 NPT port connection, 0.13 C_v, \$159.

SV-1412, normally closed valve, 1/4 NPT port connection, 0.13 C_v, \$229.

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