OMEGA-FLO® 2-WAY ZERO DIFFERENTIAL SOLENOID VALVES

1/2 TO 21/2 NPT

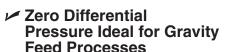
SV-350 Series Starts at











- Available in Brass or Stainless Steel
- ✓ Process Temperature Range to 130°C (266°F)
- ✓ Normally Closed

SV-350 Series 2-way solenoid valves are internally piloted, with a diaphragm and forced lifting that open fully from 0 psi pressure differential. Their brass or stainless steel bodies and FKM seal material allow for high flow rates. A temperature range of -10 to 130°C (14 to 266°F) makes these valves ideal for neutral media such as water, compressed air, and hydraulic oil (viscosity of approximately 2.3 x 10⁻⁴ ft²/s). Electrical connection is by conduit plug.

SPECIFICATIONS

Mounting Position: Any (preferably with solenoid system upright)

Max Ambient Temp: 54°C (130°F)

Operating Voltage: 120 Vac standard

Voltage Tolerance: ±10% **Power Consumption in**

Warm State:

Opening Time (ms): 100 to 1000

Closing Time (ms):

700 to 4000 (switching times are measured using water and are dependent on valve orifice size and fluid pressure and viscosity)

Cycling Rate:

Approx. 10 to 20 cpm Duty Cycle: Continuous (100%)



Orifice Size	Inrush	Hold	
⁷ / ₁₆ "	80 W	6 W	
3/4 to 11/2"	100 W	9 W	
2 to 21/2"	28 W	28 W	

Normally Closed Valve

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)							
Model No.	Price	Port Connection (NPT)	C _V	Range (psi) ¹	Orifice Diameter	Body Material	
SV-351	\$175	1/2	3.3	0 to 230	7/ ₁₆ "	BR	
SV-352	483	1/2	3.3	0 to 230	7/ ₁₆ "	SS	
SV-353	242	3/4	5.8	0 to 230	3/4"	BR	
SV-354	598	3/4	5.8	0 to 230	3/4"	SS	
SV-355	744	1	11.7	0 to 230	1"	BR	
SV-356	808	1	11.7	0 to 230	1"	SS	
SV-358*	590	1½	18	0 to 170	1½"	BR	
SV-359*	760	2	44	0 to 170	2"	BR	
SV-360*	1787	21/2	44	0 to 170	21/2"	BR	

Ordering Examples: SV-351, 1/2 NPT brass valve, \$175.

SV-353 3/4 NPT brass valve, \$242.

Model No.	Price	Description
FW-306	\$125	Reference Book: Valve Handbook



¹ Also suitable for vacuum down to 38 Torr. * The SV-358, SV-359 and SV-360 are not UL listed. Comes complete with operator's manual.

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