

INSTALLATION AND OPERATING INSTRUCTIONS FOR GROCO SV Series Solenoid Valves

The Concept: SV Series Solenoid Valves are normally closed (NC) valves, available in 12VDC and 24VDC models, and in 3/4" or 1" sizes. When DC power is applied the solenoid opens the valve; when DC power is switched off, the valve returns to its normal closed position.

Plumbing: Inlet and outlet ports are threaded with BSP threads, but will accept NPT threaded fittings with a generous application of thread tape or sealant. When using NPT fittings with SV series solenoid valves system pressure must not exceed 20 PSI. Observe the flow direction arrow on the bottom of the SV body for proper valve orientation. Double clamp all hose connections.

Electrical: Connect switched DC power to one of the two tabs on the white solenoid on top of the SV valve body. Connect the other tab to ground. SV valves are not polarity sensitive. The solenoid may be rotated to simplify electrical connections.

Adjustment: On top of the SV valve is a flow adjustment screw. Turn CCW to increase flow, or turn CW to decrease flow.

Maintenance: If the solenoid requires replacement, remove the white clip that secures it to the valve body. Rotate the solenoid 1/4 turn CCW to remove. Insert the replacement solenoid, rotate CW and replace the clip.

