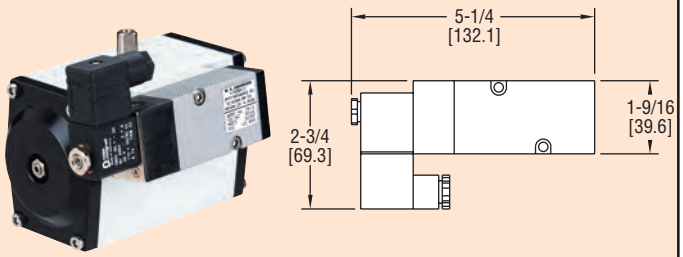
PROXIMITY®

Series SV3

Solenoid Valve

Direct Mounts to NAMUR Pneumatic Actuators



SV3 on Type D Actuator

Series SV Solenoid Valve will electrically operate pneumatic actuators for on-off applications. When the solenoid valve receives the electrical input signal it switches the pneumatic supply pressure to the actuator, which moves the valve from the closed to open position. The next impulse to the solenoid valve will make the valve move back to the closed position. The low cost solenoid valve directly mounts onto pneumatic actuators with standard NAMUR mounting configuration eliminating external tubing and fittings. Buna-N O-rings are included to seal the valve ports to the side of the actuator. Standard features include a manual override, safety position by mechanical spring, and a NEMA 4X enclosure. Direct mounts onto NAMUR actuators.

SPECIFICATIONS

Power Requirements: 120 VAC, 240 VAC, 24 VAC, 24 VDC, or 12 VDC.
Supply Pressure: 20 psi (1.4 bar) to 120 psi (8.3 bar).
Air Connections: 1/4″ female NPT.
Temperature Limits: -40 to 140°F (-40 to 60°C).
Electrical Connections: Screw terminal.
Conduit Connection: 1/2″ female NPT.
Enclosure Rating: NEMA 4X (IP66).
Mounting: NAMUR VDI/VDE 3845.
Standard Features: Manual override, mechanical spring safety position.
Optional Features: Other power voltages.

Model	Power
SV3	120 VAC
SV3-A	12 VDC
SV3-B	24 VDC
SV3-C	240 VAC
SV3-D	24 VAC