

Electric Valve Operator with Battery Spring Return

Assured Automation's S4 Multi-voltage reversible electric actuator features battery spring return (BSR) capability to enable fail open or fail closed upon loss of power. This option is significantly smaller and cost competitive when compared to mechanical spring return electric actuators. The battery is constantly charging, so it has maximum capacity when needed. It provides the power to close or open the valve a few times upon loss of power. An optional DPS microprocessor-based positioner can be installed with the BSR option. The DPS positioner takes an analog input (4-20mADC or 0-10VDC) and provides an analog output (4-20mADC or 0-10VDC). The positioner is self-calibrating upon start up or after the valve is positioned manually. The DPS circuit continuously monitors the input and output signals and the physical position. Digital control ensures high sensitivity and repeatability.

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Key System Features:

- ✓ Multi-voltage (12-24VAC/VDC) or (85 to 240 VAC/VDC)
- ✓ Internal thermostat controlled anti-condensation heater
- ✓ LED Status lights to indicate operational status
- ✓ Manual override for emergency hand operation
- ✓ External wiring connection with DIN Plugs, no need to open unit for field wiring
- ✓ ISO5211 mounting flange; CE marked

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