

Electric Valve Actuators	  	  
Feature	5900 Series	5618 Series
Voltages	110/120 VAC, 24 VDC	110/120 VAC, 24 VDC
Duty Cycle	100%	70%
Lifecycle Testing	70,000+ cycles	10,000 cycles
Temperature Range	-13° to 149° F (-25° to 65° C)	-13° to 131° F (-25° to 55° C)
Enclosure and Enclosure Ratings	Powder coated Aluminum - Type 6P, IP67	Painted aluminum Type 4X, IP67
Approvals	CSA Listed per UL429 & CSA22.2 no. 139, CE mark	CSA Listed per UL429 & CSA22.2 no. 139, CE mark
Electrical Connections - Motor & Control	Separate power and dry contact control circuits	Terminal strip
Electrical Connections - Feedback	Separate cable	Cable connectors included, lengths of multi-conductor cable available separately
Valve Position Indicator	Multi-color LED dome	Yellow/red dome indicator
Output Feedback	3 programmable relays w/17 programmable parameters	Open/close micro switches
Motor End of Travel	Precision non-contact sensors for zero wear	Micro-switches (2)
Motor Protection	Over temp/over current/motor stall. Yellow flashing indicator.	Over temp torque limiter.
Positioner Models	4-20mA, 2-10V, 1-5V programmable	4-20mA options, programmable
Safe Return	Super capacitor design	N/A
Safe Return Position	Open, closed or user-set	N/A w/On-Off models, fail-to position available w/signal loss only in modulating models
Battery charge status	Via digital display	N/A
Valve Position (°)	Via digital display	N/A
Fault codes	Via digital display	N/A
End-of-stroke speed adjustment	Via digital display	N/A
Inching or Continuous mode	Via digital display	N/A
Local operation	Via digital display	N/A
Vibration testing	1.5g, 5-1200Hz in X/Y/Z for 48 hours	N/A
Corrosion protection	ISO 12944 C3-02	Painted aluminum alloy