

Electric Valve Actuators	 CE CSA® US	 CE
Feature	5900 Series	5610/5615/5616 Series
Voltages	110/120 VAC, 24 VDC	12V AC/DC, 24-240 VAC/VDC (multi-voltage)
Duty Cycle	100%	75%
Lifecycle Testing	70,000+ cycles	60,000 cycles
Temperature Range	-13° to 149° F (-25° to 65° C)	-4° to 158° F (-20° to 70° C)
Enclosure and Enclosure Ratings	Powder coated aluminum - Type 6P, IP67	Polyamide - IP67
Approvals	CSA Listed per UL429 & CSA22.2 no. 139, CE mark	CE mark
Electrical Connections - Motor & Control	Separate power and dry contact control circuits	Common DIN plug. Control via switching power leads
Electrical Connections - Feedback	Separate cable	Sub Micro-DIN plug
Valve Position Indicator	Multi-color LED dome	Dome style w/separate LED bulb
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 current torque limiter. Red or green flashing indicator.
Motor End of Travel	Precision non-contact position sensors for zero wear	Traditional micro-switches for end of travel
Positioner Models	4-20mA, 2-10V, 1-5V programmable	4-20mA, 0-10V options
Safe Return	Super capacitor design	NiCad battery design
Safe Return Position	Open, closed or user-set	Open or closed
Safe Return Recharge Time	Approximately 2 minutes	Approximately 2-4 hours
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	N/A