

Electric Actuators

FCV valve (left) and ACV valve (right) are shown with electric actuators.



Electric actuators are electrically driven rotary motors that are directly coupled to either ACV or FCV valves. The position of the choke can be controlled by either digital pulse duration or analog signals transmitted from a remote location. The electric motor and all electric controls, if required, are enclosed in the housing which can be supplied to NEMA standards for hazardous locations for Class 1, Division 1, Group D areas.

The actuator and valve assembly is a compact package that offers precise control of flow through the valve. Rotary stem positioning is accurate to at least $\pm 0.5\%$ of full travel. A hand wheel for manual setting is also available. The power supply specified can be 110 VAC, 220 VAC, 12 VDC, or 24 VDC.

Applications

- All oil and gas field environments
- Hazardous service

Benefits

- Operating costs reduced by remote control operation

Features

- Highly reliable and accurate
- Electric rotary-motor driver
- Able to operate on a variety of power supplies
- Manual setting option available