

XEC Series Actuators

12 VDC Electric Actuators for Choke Valves



The Triac® XEC Series electric actuators come complete with a choke valve control circuit board. The circuit board is equipped with a torque limiting feature to prevent damage to gear train. There is an alarm circuit to indicate a “jammed” choke. The motor is reversible. The motor and torque limiting feature ensure long operating life. Actuators include mechanical travel stops and limit switches to indicate fully opened or closed position.

The Triac® XEC Series electric actuators for choke valves are the preferred choice when long life 12VDC actuation is required.



- 12VDC power supply
- 70% Duty Cycle motor
- Two 3/4" conduit entries
- Class F motor insulation
- 4 Internal Switches (2-Indication; 2-Motor Control)
- Electronic Over-torque Limiter
- Pulse control signal to relays
- Low power consumption when not in operation
- Ambient temperatures: -4°F to 158°F
- Optional low temperature -40°F
- Decutchable Manual Override (10 turns for 90°)
- External adjustable travel stops
- Self-locking, double reduction worm gear assembly with minimal back lash
- Anodized & polyester powder coated enclosure

The XEC Series is our standard recommendation for use with choke valves. Please see our full product line of electric actuators for applications with other requirements.

- » XE Series 12 VDC should be used instead for cases where the customer is using a valve controller (such as TotalFlow by ABB®).
- » XC Series (XC-00690B) is available for applications that are required to meet CSA Approved Class I, Division 1 & 2, Groups C, D standards. Motor control board is not available in CSA model.



