

E Series Electric Actuator Options



▶ Potentiometer

A optional potentiometer can provide a resistance (0-135ohm, 0-1Kohm, 0-5kohm, 0-10kohm) signal proportional to the actuators position. The potentiometer can give continuous feedback to control panels and other closed loop devices.



▶ Three Position Control

The E-Series actuator can be configured to have three distinct positions. The three position controls is useful in filling applications and multiported valves.



▶ Two Wire Control

When using the optional two wire control, the E-series (2) position electric actuator can be controlled with a low voltage signal. When the voltage is present the spring loaded relay will trip energizing the actuator to rotate clockwise or counter-clockwise. When the voltage is removed the spring will untrip the relay, energizing the actuator to rotate in the opposite direction.



▶ DC Modulating Card

The Triac DC modulating card (4-20mA input) can be used with the Triac E-Series DC powered actuators. Dynamic braking reduces motor coasting and provides improved control. Low standby current (22mA typical) when the actuator is not in operation.



▶ Speed Control

The Triac Speed Control is a compact module that extends the operating time of the E-Series AC powered actuator by pulsing the motor on and off. Extending the cycle time of an actuator can avoid problems associated with water hammer and control system instabilities.



▶ Control Boxes

Control boxes are available for a variety of local control options, such as local/remote open-off-close and jogging control. NEMA 4 housings are used as standard, but other housings are available upon request.