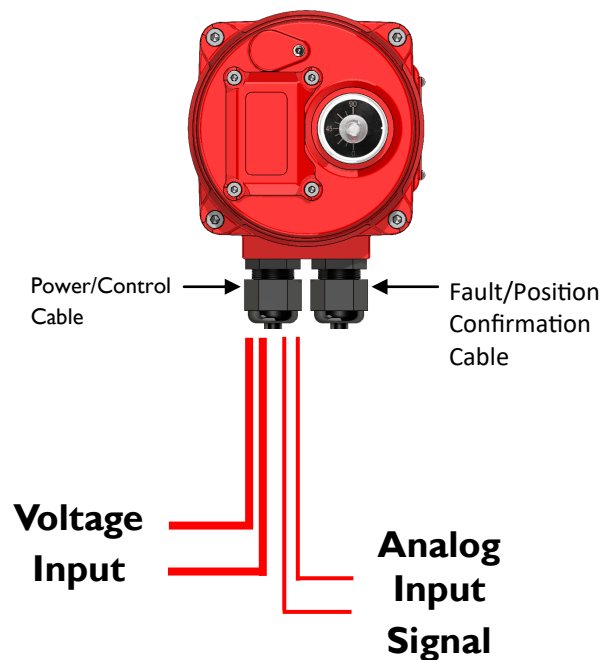
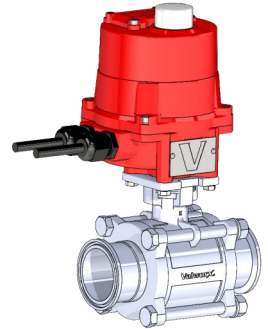


How Does it Work?

5900 Electric Actuator with EPS Positioner

This is a condensed version of how a typical Valworx quarter turn electric actuated valve functions when using the 5900 series actuator with EPS - Electronic Positioner. It does not show fuses or other safety devices. By default, the actuator will respond to a 4-20mA analog input control signal to control the actuator (valve) position 0-90° and flow 0-100%, while staying in place with loss of control signal.

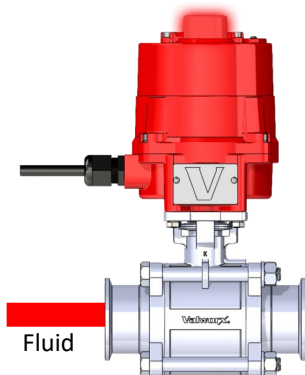
Can be programmed to alternately use 1-5V or 2-10V control signal types, and fail to an open or closed position with loss of control signal.



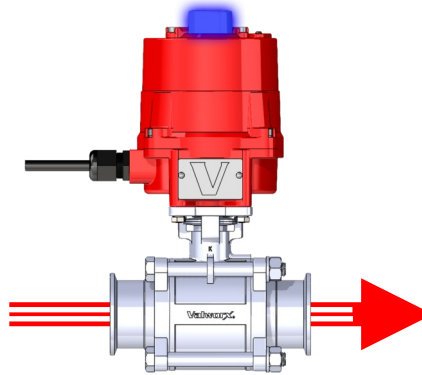
EPS Positioner

Customer to supply a 4-20mA analog input control signal.

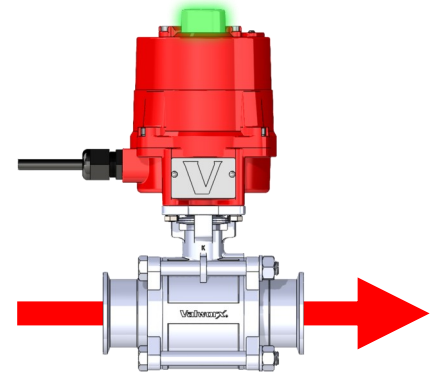
Position of the actuator (valve) can be controlled anywhere between 0-90° and flow 0-100%.



Valve CLOSED when 4mA analog input signal is applied to EPS positioner



Variable flow 0-100% with increasing or decreasing 4-20mA analog input control signal



Valve fully open when 20mA analog input signal is applied to EPS positioner