

High Precision and Repeatability

Servo Process Valve Control

Excellent Hydraulic Replacement

The SV2000 Series position controller in combination with either servo linear or rotary actuators from Exlar provides a perfect solution for many process valve applications. An Exlar electric actuator solution provides many advantages in performance, operation, and efficiency.



Electromechanical servo systems provide reliable and sophisticated positioning and velocity control capabilities; and the precision in positioning is much easier to achieve with an electronic actuator system. A Windows based program makes set-up and operation quick and uncomplicated. Simple slide bar

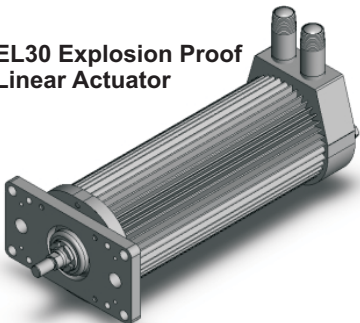
adjustments make tuning the system and setting up valve commands easy.

Forget high pressure plumbing, pumps and oil leaks. Installation and maintenance is nearly trouble-free and much less expensive with an electronic system. And, electric actuation is nearly 2 times more power efficient than hydraulic systems.

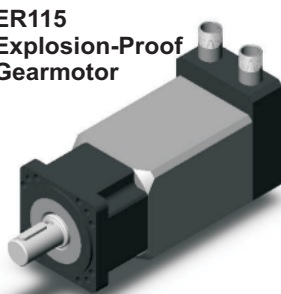
Exlar's EL30 linear actuator integrates a high performance brushless servo motor and a specially designed roller screw mechanism for converting electric motor power into linear motion. With Class I, division 1 groups B, C and D certification, these explosion-proof actuators are particularly well-suited to hazardous environments.

Exlar's ER Series rotary motors or gearmotors comprise a brushless permanent magnet motor with an integral planetary gear set for a compact, reliable solution providing high torque, low backlash and low maintenance.

EL30 Explosion Proof Linear Actuator



ER115 Explosion-Proof Gearmotor



Easy Operation

Easy setup allows the user to select the axle stroke, stroking speed, homing modes and loss of signal mode in a matter of minutes.

Multiple Operating Modes

- 4-20ma position control
- Velocity control
- Torque control
- Independent P, I & D gain settings

Quick Electronic Setup

- Valve stroke
- Stroking speed
- Stroking acceleration
- Open/close direction
- Multiple homing modes
- Fail open/fail closed
- Loss of signal modes
- Upper and lower limits

Versatile

- Controller operates all series of Exlar linear and rotary actuators
 - Actuators can be configured with a variety of mounting styles to suit your application
 - Actuators are available in Class I division 1, groups B, C and D certification

- Exlar is pleased to consider your specific requirements

Process Control Features

- Proportional analog output
- Multiple digital inputs and outputs
- RS232 and 485 serial communication
- Valve seating control
- Auxiliary analog control and feedback Capability

Call us at 952-368-3434!

EXLAR