

EL120

Explosion-Proof Linear Actuators

The EL Series linear actuators integrate a highly efficient planetary roller screw mechanism with a high torque servomotor in a single self-contained package. This highly robust design provides reliable and precise operation over thousands of hours, handling heavy loads even under very arduous conditions.

Perfect for valve control or other hazardous environment applications, the EL120 is a high performance electric actuator offered as a direct replacement to hydraulics. Exlar EL120 actuators offer long life, linear speeds up to 37 inches per second, closed loop feedback, 90%+ efficiency, and 100% duty cycle.

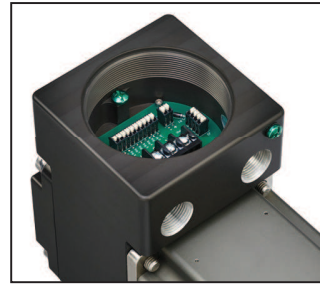
For gas turbines with variable guide vanes, the EL120 actuators provide precise positioning and feedback for fine tuning injector airflow to manage CO and NO_x emissions. In oil and gas applications, the EL120 is well suited for position based drilling choke valves.

The Exlar® EL120 explosion-proof linear actuators are rated for Class 1, Division 1, Groups B, C, D, and T4 hazardous environments. The EL120 linear actuators also meet ATEX requirements for use in potentially explosive atmospheres and are in conformity with the EU ATEX Directive 94/9/EC.

Typical Applications:

EL Series explosive-proof actuators are well-suited to many applications such as:

Valve Control	Paint Booths
Damper Control	Chemical Processing Plants
Turbine Control	Distillery Flow Control
Choke Valves	Engine Test Stands
Fuel Control	



IECEx CSA 14.0014X

SIRA 15ATEX1010X



Features:

- Speeds up to 37.5 ips
- Forces to 4000 lbs
- Strokes up to 18 inches
- Feedback configurations for nearly any servo amplifier
- Several mounting configurations
- Windings available from 24 VDC to 460 VAC
- CSA Class 1, Division 1, Group B,C, D, and T4 hazardous environment rating
- ATEX Ex d IIB+H2T4 Gb Certified
- IEC Ex d IIB+H2T4 Gb Certified
- IP65S environmental protection
- Threaded NPT ports with internal terminal strip for easy wiring.