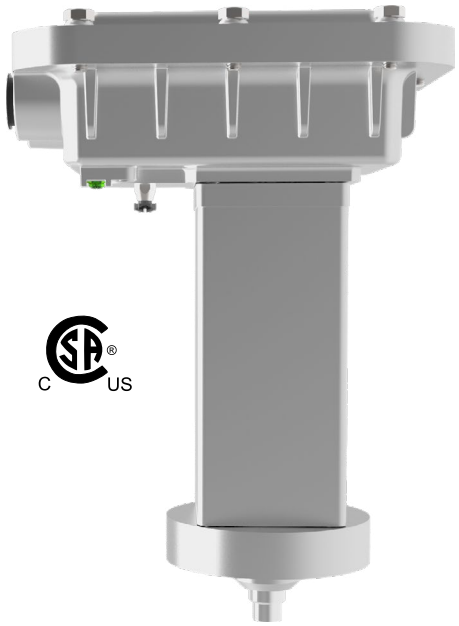
CURTISS-WRIGHT

PROCESS, OIL & GAS AUTOMATION

Tritex® EVA Intelligent Electric Valve Actuation

With the Exlar Tritex EVA080, you can increase your revenue and eliminate emissions with state-of-the-art electric valve actuation. The Tritex EVA080 electric valve actuator is a new solution for separators, plunger lifts, injection pumps, and other well head valve applications.

By eliminating the need to vent methane to the atmosphere, the Tritex EVA080 is environmentally friendly and efficient. The powerful and compact system integrates a servo drive, motor, and roller screw actuator to achieve extreme life, speed, and accuracy.



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FEATURES & BENEFITS

- 100% duty cycle rated for continuous modulation
- Fast valve close times in as little as 1 second
- Robust roller screw drive train for low maintenance and industry leading life
- Servo design allows for valve jam protection
- Advanced valve seating control extends valve life
- Absolute position sensing for increased control
- Compact overall footprint

Watch our Tritex EVA Product Video!

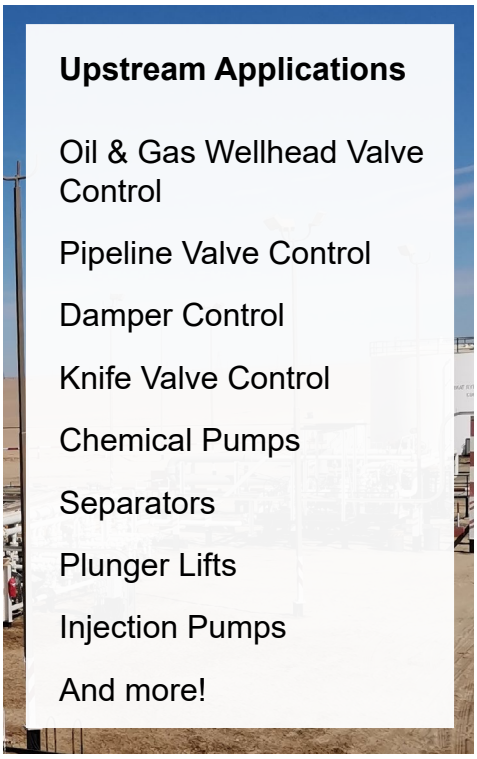
Tritex EVA Product Page

EXLAR®

Power | Precision | Proven

Electric Valve Actuator Specifications

Rated Thrust	1000 lbf (4.4 kN)
Seating Thrust ISO Rated Thrust	1500 lbf (6.67 kN)
Rated Speed	1 in/s (25.4 mm/s) @ 24 Vdc
Stroke Length	4 in (101.6 mm)
Input Voltage	12-24 Vdc nominal, 9-32 Vdc max range
Digital Inputs	3 - Isolated, 9-30 Vdc
Communications	Isolated Modbus RTU (RS-485), max baud rate 38.4 k
Digital Outputs	2 - Isolated, 9-30 Vdc
Analog Input	1 - Isolated, 4-20 mA, position / thrust demand
	0.1% resolution 0.5% linearity over temperature range
Analog Output	1- Isolated, 4-20 mA, position / thrust feedback
	0.1% resolution, 0.5% linearity over temperature range
Temperature	-40 to 149 °F (-40 to 65 °C) operating temperature range
Enclosure	NEMA 4X, IP66
Agency Approvals	cCSAus Class 1, Division 2, Group A, B, C, D, T5
Product Standards	ISO 22153, RoHS



Upstream Applications

Oil & Gas Wellhead Valve Control

Pipeline Valve Control

Damper Control

Knife Valve Control

Chemical Pumps

Separators

Plunger Lifts

Injection Pumps

And more!

Who We Are

Exlar® manufactures electromechanical linear roller screw actuators, rotary servomotors, and integrated control solutions for a broad range of applications. Our unique technology provides an efficient electric replacement for hydraulic or pneumatic cylinders and a more robust replacement for ball screws. With forces up to 80,000 pounds and speeds up to 60 inches per second, we are able to deliver higher force and speed in smaller packages than other comparably sized actuation technology. Exlar actuators have more flexibility, higher efficiency, and lower maintenance than traditional hydraulic and pneumatic solutions. Whether looking to increase productivity or reduce your total cost of ownership, Exlar's team of highly skilled engineers can put together the right solution for you.

Exlar® and Tritex® are brands of Curtiss-Wright.

 Curtiss-Wright / Exlar 952-500-6200 www.exlar.com