LATCHING TECHNOLOGY
Capable of holding in position without the constant application of electrical current. Latching technology is well suited for battery operated applications.

HIGH-SPEED TECHNOLOGY
For applications requiring extremely accurate and high-speed control of fluids, position or pressure. TLX’s technology allows for response times as little as 200 microseconds.

PROPORTIONAL TECHNOLOGY
For applications requiring accurate and repeatable control, low hysteresis, and a flat force vs. stroke curve. TLX’s technology allows for a smaller package size for the same force requirement.

HIGH TEMPERATURE TECHNOLOGY
For applications requiring consistent performance under extremely high operating temperatures. TLX’s high temperature technology offers proven operation in ambient temperatures exceeding 500°F (260°C).

Features & Benefits
- Compact design
- Fast response
- 100% duty cycle
- Stroke: 3.3 mm (.130 in)
- Force hysteresis: <5%
- Nominal linearity: <2%
- Dither frequency: 100-500 Hz
- Can be designed for specific force/stroke curves to optimize controllability
- Can be designed to configure with customer electronic drivers

Working with TLX Technologies
TLX Technologies engineers and manufactures custom solenoids, actuators and fluid control valves utilizing patented technology features that provide our customers with unique design solutions that offer them a competitive advantage.

Our strength has always been in the continued development of unique and progressive technology that provides exceptional opportunities for growth and expansion within markets utilizing electro-mechanical actuators while providing our customers with effective solutions that are energy efficient and cost competitive.

Typical Applications
- Throttle Position Control
- EGR Control
- Turbo Charger Control
- Hydraulic Cartridge Valves
- Hydraulic Control Valves
- Transmission Clutch Control
- Transmission Control Valves
- Industrial Controls
- Machine Controls