TLX TECHNOLOGIES

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Long-Stroke Latching Solenoid

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 in 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).

ISO 9001:2015 Certified

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.

Features & Benefits

- Compact design
- Stroke: 6.35 mm (.250 in)
- Holding force: 5.6 N (1.25 lbs)
- Spring load (latched position): 13.3 N ± 1.3 N
- Spring load (de-latched position): 4.45 N
- Over 50,000 cycles on 4 AA batteries
- Can be optimized for specific load shifting capability
- Can be optimized to configure with customer power requirements

Typical Applications

- Electric locks
- Spool lock
- Business equipment
- Vending equipment
- Business machines
- ATM machines
- Battery operated locks

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LATCHED POSITION

TLX TECHNOLOGIES
Innovative Electromagnetic Solutions