

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

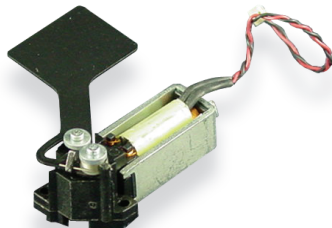
For applications requiring extremely accurate and high speed control of fluids, position or pressure. TLX's technology allows for response times in as little as 200 microseconds.

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).



Description

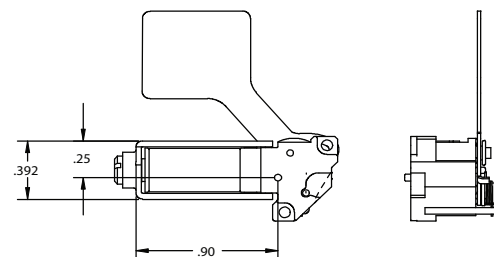
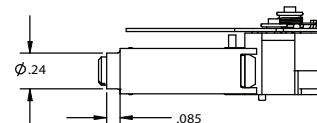
This example of latching technology was used to calibrate small digital or infrared camera systems on front and rear facing vehicle detection devices. The solenoid flag temporarily blocks light to the lens at which time device calibration takes place. The product can be fabricated as a constant current or latching solenoid. This solenoid is in an extremely small sized package.

Features & Benefits

- Compact design
- Low cost
- Can be designed for specific angle requirements
- High force
- Fast response time

Typical Applications

- Custom Camera Equipment
- Instrumentation
- Medical Equipment
- Safety Indicators



Typical Specifications (Custom configurations available)

Movement (can be designed to specification)	40°
Holding Force	.834 N (3 oz)
Response Time	<30 ms
Supply Voltage	12 Vdc
Operating Temperature Range	-40 to 60°C (-40 to 140°F)
Coil Resistance at 20°C	8.0 ± .04 Ω
Durability	>10M cycles
Duty Rating (%ED)	10% ED
Connector Type	Customer specified



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