

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

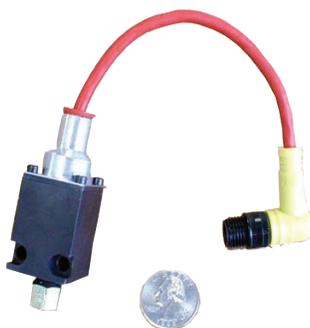
For applications requiring extremely accurate and high speed control of fluids, position or pressure. TLX's technology allows for response times in as little as 200 microseconds.

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).



Features & Benefits

- Ultra fast response
- Compact design
- Low power consumption
- Can be designed to configure with customer power requirements
- Proprietary nozzle shut-off design allows for shorter unit

Typical Applications

- Glue Dispense Equipment
- SMT Adhesive Machines
- High-Speed Marking
- Water Control
- Fill Timing Applications
- Injectors
- Replacement for Air Driven Spray Systems

Typical Specifications (Custom configurations available)

Coil Resistance at 25°C	10.0 ± .08 Ω
Response Time at 1500 CPS	<2 ms
Supply Voltage	325 Vdc
Current Draw (peak)	2 amps
Current Draw (hold)	.4 amps
Operating Temperature	210°C (410°F) max
Minimum Flow at 5000 CPS and 600 PSI Delta P	500 g/min (17.64 oz/min)
Working Pressure	83 bar (1200 psi) max

Description

This is an example of a high-speed solenoid mated to a multiple port spool configuration for the control of output fluids to very fine parameters.

The inherent fast response of the device allows accurate shot size for high repeatability in SMT assembly systems, glue dispensing valves, gasketing, marking, lubricant and mixing applications. If desired, the solenoid portion of the unit can also be mated to a fixed orifice resulting in a smaller package size.

