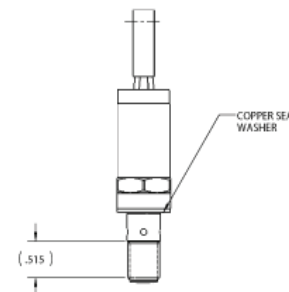
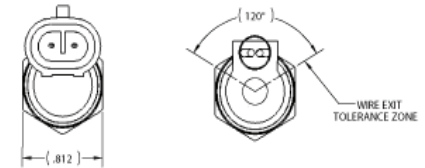


Description

This is an example of an on-off solenoid valve for engines and/or alternate applications needing to quickly reduce pressure within a cylinder, enclosed cavity or transmit fluid to another passage.

The unit works much like a small engine intake or exhaust valve with the inner poppet (valve) extending as power is applied and thereby communicating flow from the valve nose to the radial exit holes.



Features & Benefits

- High operating temperature
- Normally closed
- Teflon wires sleeved with a silicon jacket
- Low leakage
- Excellent wear characteristics

Typical Applications

- Engine Compression Release
- Paint Mixing Systems
- Relief Valve
- Natural Gas Control
- Industrial Water Control

Typical Specifications (Custom configurations available)

Stroke (can be designed to specification)	.762 mm (.03 in)
Coil Resistance at 20°C	4.8 Ω
Supply Voltage	9-16 Vdc
Duty Rating (%ED)	10%
Operating Temperature Range	-40 to 240°C (-40 to 460°F)
Durability	>100M cycles
Connector Type	Amp Superseal
Leakage	<800 cc/min @ 80psi
Valve Spring Load	8.8 N (2 lbs)

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).

