TECHNOLOGIES

P: 262-970-8660 E: engineering@tlxtech.com www.tlxtech.com

Solenoid Vent Valves

TLX Technologies engineers and manufactures custom solenoids, actuators and fluid control valves utilizing patented technology features that provide our customers with unique design

Our strength has always been in the continued

opportunities for growth and expansion within

markets utilizing electro-mechanical actuators

2.063 -

while providing our customers with effective

solutions that are energy efficient and cost

Working with TLX Technologies

solutions that offer them a competitive

development of unique and progressive

technology that provides exceptional

advantage.

competitive.



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

- Normally closed, 3-port check valve
- · Continuous duty cycle
- Operating temperature range: -40 to 85°C
- Operating pressure: 6.9 bar (100 psi)
- · Zero leakage rate
- Internal flow diameter: 3.3 mm (.13 in) minumum
- Check valve cracking pressure: .07-.14 bar (1-2 psi)
- Minimum life cycle: 120,000 cycles
- · Voltage: 9-15 Vdc
- Resistance: $15.6 \pm 1.5 \Omega$

Ø.665 1.62

2.225 Ø.024±.002 EXHAUST HOLE

Typical Applications

- Air Spring for Off-Road Seating
- Gas Venting
- Low Pressure Air Control

