



Solenoid Pinch Valve

The solenoid pinch valve provides a high closing force for its small package size, and the same size valve body accommodates tube sizes up to 10 mm in diameter. By considering fluid media, tube material and diameter, and the closing force needed to completely stop fluid flow, the valve can be customized for a variety of fluid control applications.

Features & Benefits

- + Normally open or normally closed
- + Fast response time
- + Accommodates tube sizes up to 10 mm in diameter
- + High closing force in a small package size
- + Diode for back EMF protection
- + Unobstructed tube path
- + Tubing is easily replaced
- + Customizable mounting surface, connector, & harness
- + Easily disassembled for cleaning if needed
- + Scalable based on application requirements

Applications

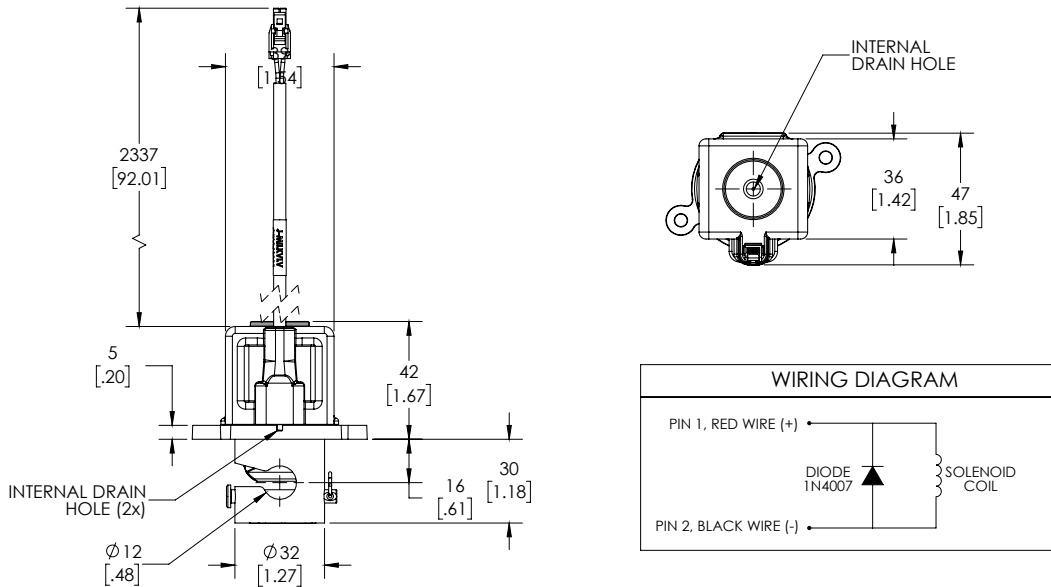
- + Chemical mixing and dispensing
- + Fluid processing
- + Medical testing and analysis
- + Laboratory equipment

Technical Data (custom configurations available)

- + Supply voltage: 24 Vdc
- + Coil resistance at 20°C: 43 Ω
- + Operating temperature range: -40°C to 55°C (-40°F to 131°F)
- + Pinch force: 26.6 N (6 lbs.)
- + Cycle life: > 1,000,000

All TLX components are customized to fit system requirements, meaning technical specifications are unique to each customer and design. Examples given are for illustration purposes only.

Dimensional Drawings (dimensions in millimeters [inches])



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