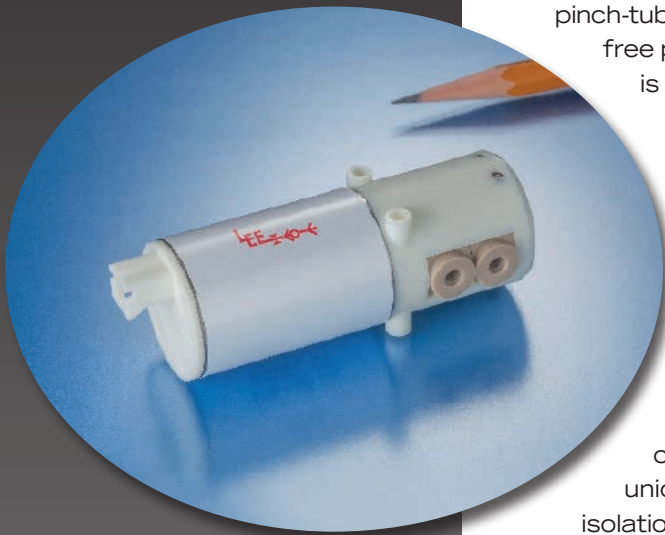




SPOTLIGHT ON INNOVATION



LFY2 SERIES

3-WAY PINCH SOLENOID VALVE

The Lee Company's LFY2 Series solenoid valve is a groundbreaking internal pinch-tube style valve featuring ultra-low internal volume in a maintenance free package. Available as a 3-way design, this chemically inert valve is equipped with industry standard ports and contains both a normally open and normally closed flow path that are operated simultaneously. Additionally, it offers zero dead volume and a fully swept flow path to minimize sample volume and residual carryover during operation.

Designed using an innovative 'Y' shaped elastomeric tube and unique actuating mechanism, a controlled pinch seals off the normally open or closed ports as the solenoid actuates. This precise pinch preserves the purity of the fluid and is tolerant of contamination in the flow stream providing consistent reliable performance throughout its rated life. The unique design of the LFY2 combines the best features of inert isolation valves with the flow path of a pinch valve while eliminating the need for maintenance.

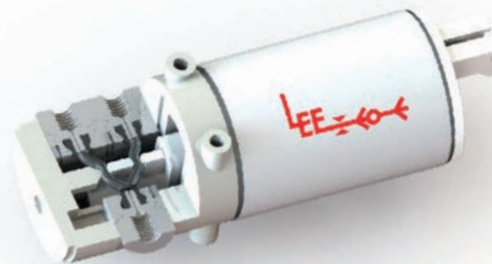
PERFORMANCE

- Chemically Inert
- Low Internal Volume: Less than 10 μ L
- Maintenance Free Design
- Zero Dead Volume
- 5 Million Cycle Life
- Low Power Consumption
- 1/4-28 or O62 MINSTAC Ports

APPLICATIONS

- Gene Sequencing
- Flow Cytometry
- Scientific Instruments
- Drug Discovery
- In Vitro Diagnostics

The LFY2 Series solenoid valve is 100% functionally tested for performance and designed with materials that will ensure consistent, long-term operation. Performance characteristics can be further optimized to meet specific application requirements.



EXCEPTIONALLY LOW INTERNAL VOLUME IN A MAINTENANCE FREE PACKAGE.

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