

## MODEL 955 SOLENOID PINCH VALVE

The Model 955 is a two-way, normally-closed, solenoid operated pinch valve. It is designed to work with flexible tubing, where easy replacement of the entire fluid path with each procedure is required. These valves are suitable for pressure or vacuum applications.

### STANDARD FEATURES



- **Snap-In Tube Loading** for quick change of disposable tube sets.
- **Manual Override** allows the valve's state to be changed manually for ease of tube loading.
- **Splash Seals** guard against spills and debris, prevent contaminants from entering the valve, and allow for cleaning without disassembly.
- **Panel Mounting** allows for mounting in any position and provides for flexibility in meeting your system design requirements.
- **Valves calibrated** to optimize performance.
- **Strong pinching forces** capable of handling a variety of flexible tubing materials.
- **Simple, reliable design** with a million+ cycle life span.
- **No Wetted Parts** and **Zero Dead Volume.**
- **Fast response time.**

### SPECIFICATIONS

Model	Power	Tube Loading	Tube O.D. Range		Tube Materials	State*	Mounting Design	Seals	Manual Override
955	12-48 VDC	Snap In	0.125" 0.187"	3.2mm 4.7mm	<60-A Durometer	N/C	Panel	Panel & Splash	Push Button

Contact Acro's engineers if your tubing specifications exceed those stated above.

\***Normally-Closed State: tubing is pinched** when the valve is in a de-energized state.

### AVAILABLE OPTIONS

- **Pulse and Hold** enhances valve performance while minimizing power consumption and heat generation. (This option is required for hard to pinch tubing materials and heat sensitive applications.)
- **Position Sensing** supplies electronic feedback on a valve's position or state and confirms that a valve is in the state dictated by a control input.
- **Sound Dampening** for noise reduction.

**Acro's pinch valves have been successfully used in applications where precise control of sterile fluids is required...**

- Blood analyzers to control test samples and fluids.
- Kidney and peritoneal dialysis machines.
- Surgical suction lines for body fluid recovery.
- Arterial catheterization procedures.
- Multi-fluid drug delivery and control systems.

### CUSTOM VALVES & SYSTEMS

Acro will modify its standard designs to tailor a product for your application. Where a custom design is required, we will partner with your engineering staff to produce a proprietary valve or system. Our 25+ years of design experience allows us to customize valves and systems to meet your exact needs.

**Product shown—  
Custom Designed,  
Pump-Valve Module with  
Tube Loading Cassette.**



- Food and beverage dispensing equipment.
- Metering and injection services.
- Analyzing and sampling instrumentation.
- Feed and anti-siphon control systems for high viscosity, powders and abrasive fluids.
- Wafer processing and photo-resist equipment.
- Peristaltic pump systems to handle on/off and emergency stop functions.