

## MODEL 932 PNEUMATIC PINCH VALVE

The Model 932 is a dual acting, pneumatically-actuated pinch valve, available for either normally-opened (N/O) or normally-closed (N/C) operation. It is designed to work with flexible tubing, where easy replacement of entire fluid path with each procedure is required. These valves are robustly designed making them suitable for pressure or vacuum services.

### 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 (currently only available in panel mount design).
- **Panel or Base 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**.
- **Smooth** and **quiet actuation** with **no heat**

### SPECIFICATIONS

Model	Power	Tube Loading	Tube O.D. Range		Tube Materials	State*	Mounting Design	Seals	Manual Override
932	30-125 psig	Snap In	0.125" 0.250"	3.2mm 6.4mm	<70-A Durometer	N/O or N/C	Panel or Base	Panel & Splash	Push Button

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

\*When the valve is in a de-energized state: **N/O tubing is not pinched; N/C tubing is pinched.**

**Control:** 3-way pneumatic control valve required.

### AVAILABLE OPTIONS

- **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.
- **Snap-On Color ID Ring** (specify color) to use with color-coded tube sets.
- **Sensor Leads** can be terminated to customer specifications.

**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.