

# Subminiature Teflon® Valve

2-Way, Normally Closed Solenoid Valve

Model: SV20-1



## APPLICATIONS

Model SV20-1 is suitable for a broad range of light industrial applications, both new and retrofit. Typical applications employing the Model SV20-1 include:

- Reagent control and monitoring in analytical instrumentation.
- DNA and Protein synthesizing in biotechnology.
- Blood-gas and body fluid analyzing in clinical instrumentation.
- Water and gas control in semiconductors.
- Wafer cleaning in semiconductor industry.

## FEATURES

- Compact size with low internal volume.
- All TFE Teflon® construction.
- Bubble tight shut-off.
- Low power consumption.
- Life expectancy in millions of cycles.

## INTRODUCTION

Valcor Scientific, a Division of Valcor Engineering, has designed and engineered rugged, reliable solenoid operated valves for more than 40 years.

The SV20-1 Series were specifically engineered to handle corrosive or high purity fluids by isolating all metal components from the media.

## DESCRIPTION

The SV20-1 Series are direct acting, two-way, normally closed diaphragm solenoid valves. These valves are designed to handle corrosive or high purity fluids by isolating all metal components from the media.

Compact in size, the SV20-1 Series features small internal volume, which allows them to be used for reagent dispensing, sample extraction and controlling of wash or buffer solutions, etc.

The use of an all TFE Teflon® body and diaphragm provides outstanding chemical resistance and compatibility to a wide range of fluids.

