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Valcor Scientific

Subminiature Teflon® Valve

2-Way, Normally Closed Solenoid Valve

Model: SV20-1



INTRODUCTION

Valcor Scientific, a Division of Valcor Engineering, has designed and engineered rugged, reliable solenoid operated valves for more than 50 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 a 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.

APPLICATIONS

Model SV20-1 is suitable for a broad range of analytical and 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.

