

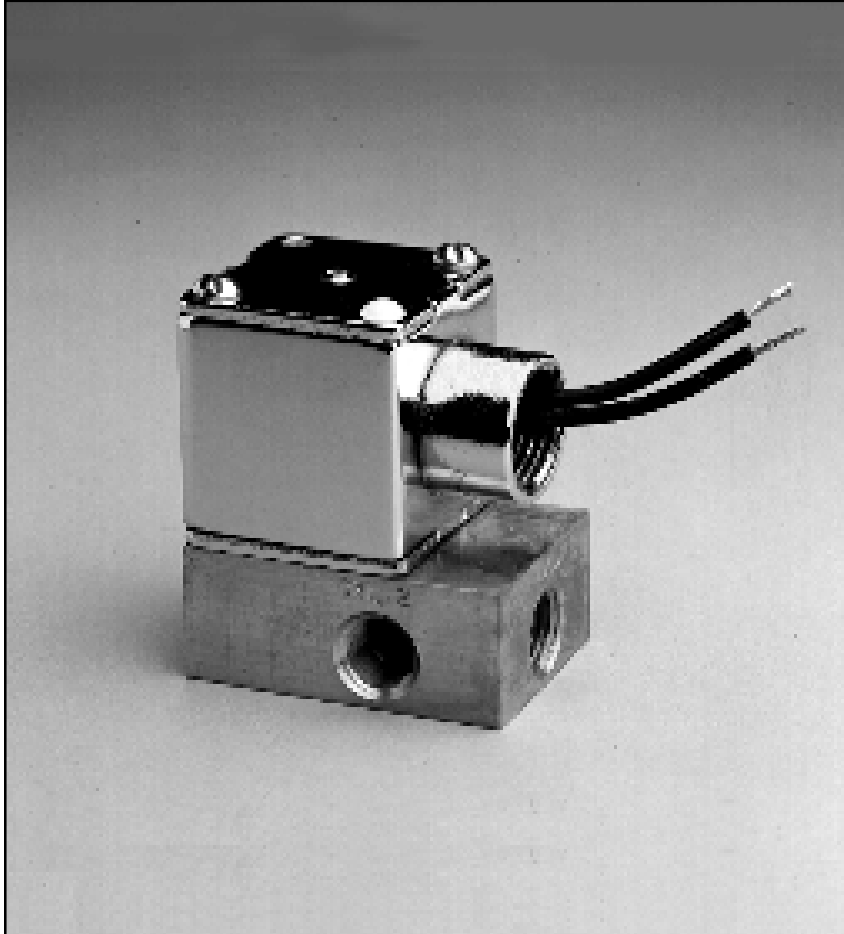


Valcor Scientific

Floating Seal Solenoid Valve

4-Way, 4-Port, Direct Acting Valve

Model: SV10



APPLICATIONS

Model SV10 is suitable for a broad range of light industrial applications, both new and retrofit. Typical applications employing the Model SV10 include:

- Cryo pumps for analytical instrumentation.
- Air dryers in various industrial applications.
- Actuating cylinders in packaging equipment.

FEATURES

- Construction minimizes fluid contamination problems.
- No minimum pressure required for operation.
- Compact construction.
- Designed to employ Valcor's unique Floating Seal design for straight-through flow.

INTRODUCTION

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

The SV10 Model was specifically engineered for controlling non-corrosive gases, light oils or light particulate liquids in the industrial markets.

DESCRIPTION

The SV10 is a direct acting, four port, four-way solenoid valve, with ports on each side of the brass body.

These valves are primarily designed for controlling double-acting air or hydraulic cylinders with non-corrosive gases, light oils or light particulate liquid.

No minimum pressure is required for operation, and less than 1 psig minimum, pressure differential in the direction of flow is required for drip-tight sealing.

The SV10 Model employs Valcor's unique Floating Seal design, which utilizes an optically flat Delrin® seal disc against an equally flat stainless steel seat. The straight-through flow and self-lapping of the discs make the valves less susceptible to contaminants in the fluid.

