



## DESCRIPTION

The SV22 valves are precision-built control valves utilizing a patented valving principle. With a cycle life of over a billion, a solid compact design, and extremely high flow rates, these valves are suitable for many applications across numerous diverse industries. A variety of voltage, connector and mounting options are available.

## APPLICATION

Pneumatic applications include:

- Inert gas controls in packaging applications
- BP cuff inflation control
- CPAP devices
- Seal inflation control
- Air pilot control
- Weld shielding gas control

Fluid applications (with compatible fluids) include:

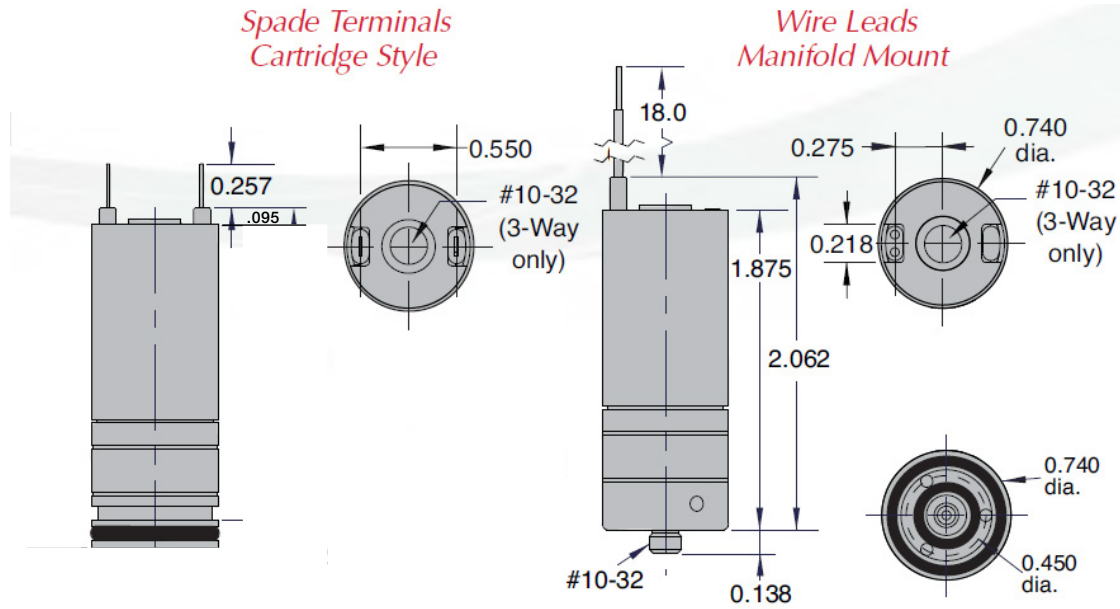
- Filling and dispensing applications
- Reagent control
- Rinsing/CIP applications
- Process fluid control

## FEATURES

- Industry standard for leak-free operation
- Over 1,000,000,000 cycles
- Fast response time
- Large flows in small, sleek design
- Low heat rise/low power
- Robust stainless steel “Spider” flat armature spring

# VALCOR SV22 SPECIFICATIONS

## Construction



Wetted materials - ULTEM™, 430SS, 300SS, NITRILE  
 \*Consult factory for other materials.

## Specifications



Spade Terminals				
	Manifold Mount	Voltage	Pressure	Wattage
<b>2-Way</b>	SV222S12N	12 VDC	100	1.9
	SV222S24N	24 VDC	100	1.9
	SV222S12N-L	12 VDC	50	1.9
	SV222S24N-L	24 VDC	50	1.9
<b>3-Way</b>	SV223S12N	12 VDC	100	1.9
	SV223S24N	24 VDC	100	1.9

Wire Leads				
	Manifold Mount	Voltage	Pressure	Wattage
<b>2-Way</b>	SV222G12N	12 VDC	100	1.9
	SV222G24N	24 VDC	100	1.9
	SV222G12N-L	12 VDC	50	1.9
	SV222G24N-L	24 VDC	50	1.9
<b>3-Way</b>	SV223G12N	12 VDC	100	1.9
	SV223G24N	24 VDC	100	1.9

Multi-Station Manifolds	
Part Number	
10-6448	2 Position
10-6449	4 Position
10-6450	1 Position

Construction: Black anodized aluminum  
 Ports: 1/8" NPT  
 Custom manifolds available. Consult factory.

- Maximum Flow Rate: 100 LPM @ 100 PSIG
- Pressure Range: Vacuum to 100 PSIG
- Temperature Range: 32°F to 130°F
- Response: 10 to 15 Milliseconds
- Seal Material: Nitrile
- Optional Seals: FKM (-V), EPDM (-E), Silicone (-S)
- Wetted Materials: Stainless Steel, Ultem™

• ™Ultem is a trademark of SABIC