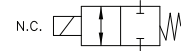


SV74GM

Gradient Manifold of 4 Valves
2-way Normally Closed
Diaphragm Isolation Construction



Valcor PTFE Instrumentation Series



DESCRIPTION

The SV74GM series gradient manifold configuration incorporates Valcor's compact 2-way normally closed diaphragm isolation solenoid valves into a multi position manifold body. The bidirectional design of the SV74 series allows the manifold to have a common pressure port flowing to multiple lines or pressures from multiple ports flowing to a common. Standard construction is equipped with PTFE body and isolation diaphragm.

APPLICATIONS

The SV74 series gradient valve manifold is suitable for a broad range of applications, including:

- Ink jet printers
- Chromatography
- Clinical or chemical analyzers
- Chemical mixing/dispensing
- Laboratory equipment

FEATURES

- Diaphragm isolation construction for high purity processes
- Handles corrosive and aggressive fluids
- Compact low dead volume design
- Bidirectional flow
- Low power consumption solenoid
- Direct acting construction

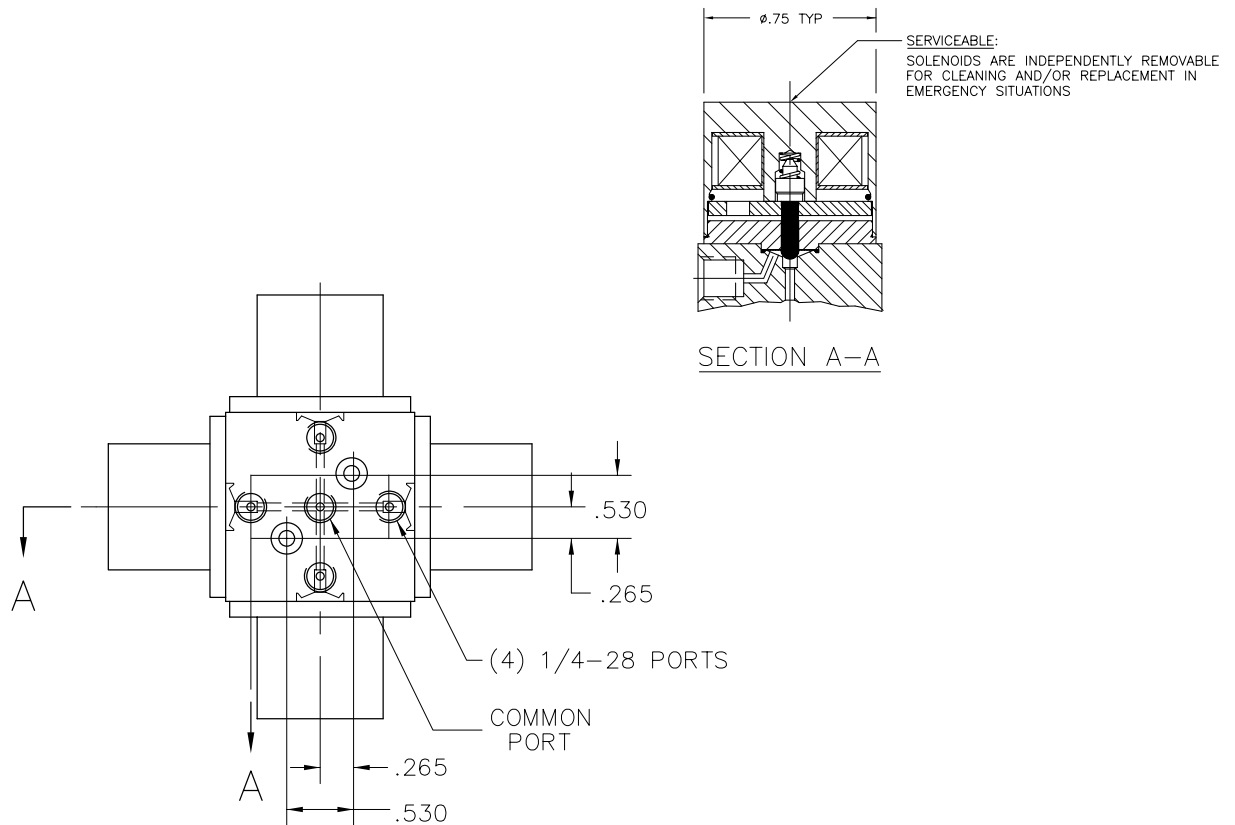


VALCOR SV74GM (Gradient Manifold of 4 Valves) SPECIFICATIONS

Construction

Valve Parts in Contact with Fluid

Body	PTFE
Diaphragm	PTFE
Other Parts	
Armature	430F SS
Spring	303 SS
Coil Housing	Nickel Plated Steel
Base Plate	Nickel Plated Steel



Specifications

Port Size	Orifice Size (ins.)	Max. Operating Pressure		Model Number	Voltage	Wattage
		Gas & Liquid (PSI)	Vacuum (in. Hg)			
Gradient Manifold of (4) 2-way Normally Closed Valves						
1/4 - 28	0.040"	30	28	SV74GMP61T4-1	12 VDC	1.0
1/4 - 28	0.040"	30	28	SV74GMP61T4-2	24 VDC	1.0
1/4 - 28	0.062"	30	28	SV74GMP25T4-1	12 VDC	1.5
1/4 - 28	0.062"	30	28	SV74GMP25T4-2	24 VDC	1.5
1/4 - 28	0.095"	30	28	SV74GMP60T4-1	12 VDC	4.2
1/4 - 28	0.095"	30	28	SV74GMP60T4-2	24 VDC	4.2
1/8" NPS*	0.156"	30	28	SV74GMP48T4-1	12 VDC	7.2
1/8" NPS*	0.156"	30	28	SV74GMP48T4-2	24 VDC	7.2

For temperature and duty cycle information, please consult "temp and duty cycle" link under Technical Information on our website.

Alternate voltage of 6 VDC & 115V/60 HZ available upon request. Please consult factory for availability & part number.

High pressure version available up to 100 PSI (-HP*). Please consult factory for availability of specific constructions.

* 1/8" -27 NPS (National Pipe Straight) thread. Flat bottom.