

V70900-98

3-Way Direct Acting Solenoid Valve



Valcor Engineering Corporation



DESCRIPTION

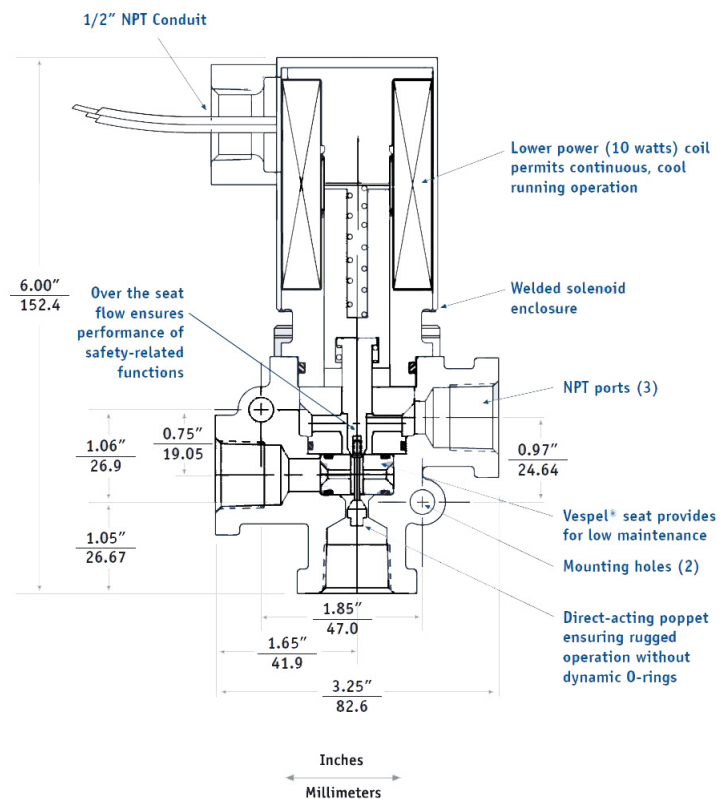
V70900-98 are direct acting 3-way valves specifically designed for pneumatic service in nuclear power stations. Their highly efficient low wattage coils enable continuous duty service without generating excess heat that shortens the life of conventional solenoid valves. They are highly favored over conventional solenoid valves in BWR, PWR and CANDU power stations. Their unique poppet design enables their use as normally-open, normally-closed, diverter or selector valves. They require no system pressure to operate. The all-welded stainless steel solenoid housing allows for operation in the harshest chemical environments.

APPLICATION

V704900-98 3-way solenoid valves are specifically designed to act as air pilots controlling single-acting pneumatic cylinders and actuators in nuclear power stations.

FEATURES

- Compact size and low weight
- Brass body standard; aluminum or stainless steel available
- Requires less than 10 watts of power
- NEMA 4 and NEMA 7 seal welded stainless steel coil housing
- Stainless steel poppets seal on polyimide seats
- No dynamic elastomer seals
- Mountable in any orientation
- Two panel mounting holes in body
- Optional mounting bracket available



Custom designs are our specialty. Contact us today to see how we can help on your next project.

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2 Lawrence Road | Springfield, NJ 07081
(973) 467-8400 | nuclear@valcor.com
www.valcor.com

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Operating Pressure & Flow Ratings

Operating Modes Normally Open/Closed	Operating Pressure (PSIG)	Ambient Temp.	Min. Volts DC	Cv
NO and NC	0-150	150°F	48	0.2

Specifications

Valve	ASME B31.1/3 compliant on stainless steel model
Solenoid Operator	1/2" conduit hub NEMA 4 and NEMA 7 compliant Class H magnet wire 10 watts @ 48 VDC, 120 VAC or 125 VDC and 72°F continuous duty 36" pigtails standard
Line Connection	NPT ports
Body Material	Brass, Stainless Steel

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