

SOLENOID OPERATED TEFLON ISOLATION VALVES

FEATURES

- Low Power Consumption
- Continuous Duty
- Isolated Solenoid
- High Cycle Life
- Minimal Dead Volume
- Fast Response Time
- Vacuum or Pressure Service
- Teflon® Wetted Parts

SPECIFICATIONS

Series		100T			
Voltage		12 VDC	24 VDC		
Power Watts @ 70°F. (21°C) ¹		4.0	4.0		
Currents Amps @ 70°F. (21°C)		.32	.16		
Orifice Dia. Options	.032" ²	.062"	.092" ³	.125" ³	
Metric	.81mm	1.57mm	2.34mm	3.18mm	
Internal Volume 2-Way	NA	.055cc	.133cc	.296cc	
Internal Volume 3-Way	.047cc	.087cc	NA	NA	
Weight		5 oz.			
Ports ⁴		1/4-28 Flat Bottom			
Operating Pressure 3-way		Vacuum - 30 psi NO & NC Port Vacuum - 60 psi Common Port			
Operating Pressure 2-way		Vacuum - 30 psi NC or NO Config. Higher pressures available on both 2-way and 3-way			
Lead Wires	15" (381mm)	26 Gauge Teflon® Coated			

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®Chemraz is a registered trademark of Green Tweede & Co.

¹ Two-way Normally Open valve uses 8.0 watt coils.

² Available only in 3-way Isolation Valve.

³ Available in 2-way Normally Closed valve only, at lower pressures.

⁴ Other ports available such as 10-32, M6 x1.0, 1/8 NPT, please consult factory.

DIMENSIONS

Series	Diameter	Height
100T2	1"	2-3/16" NC 2-1/2" NO
100T3	1"	2-11/16" MP

NC = Normally Closed; NO = Normally Opened; MP = Multi-Purpose

MOUNTING

See Mounting Accessories and Options Sheet.

2-Way Teflon Valve

3-Way Teflon Valve



Installation drawings on back

Our unique design concept of diaphragm retention ensures the most reliable performance available.

Available in:

- 2-way normally closed
- 2-way normally open
- 3-way multi-purpose

These small valves are ideal for use with aggressive and high purity fluids. PFA, Chemraz®, and EPDM are available as optional diaphragm materials.

How to order

Step

1	Select Valve Size	100
2	Indicate Style	T2, T3
3	Indicate Operating Configuration	NC, NO, MP
4	Indicate Voltage	12vdc, 24vdc, 115vac, 220vac
5	Indicate Orifice Diameter	.032" ¹ , .062", .092" ² , .125" ²
6	Body Material (Teflon® Standard) ³	2 (TEFZEL®), 4 (PPS), 5 (PEEK)

¹ Available only in 3-way Isolation Valve.

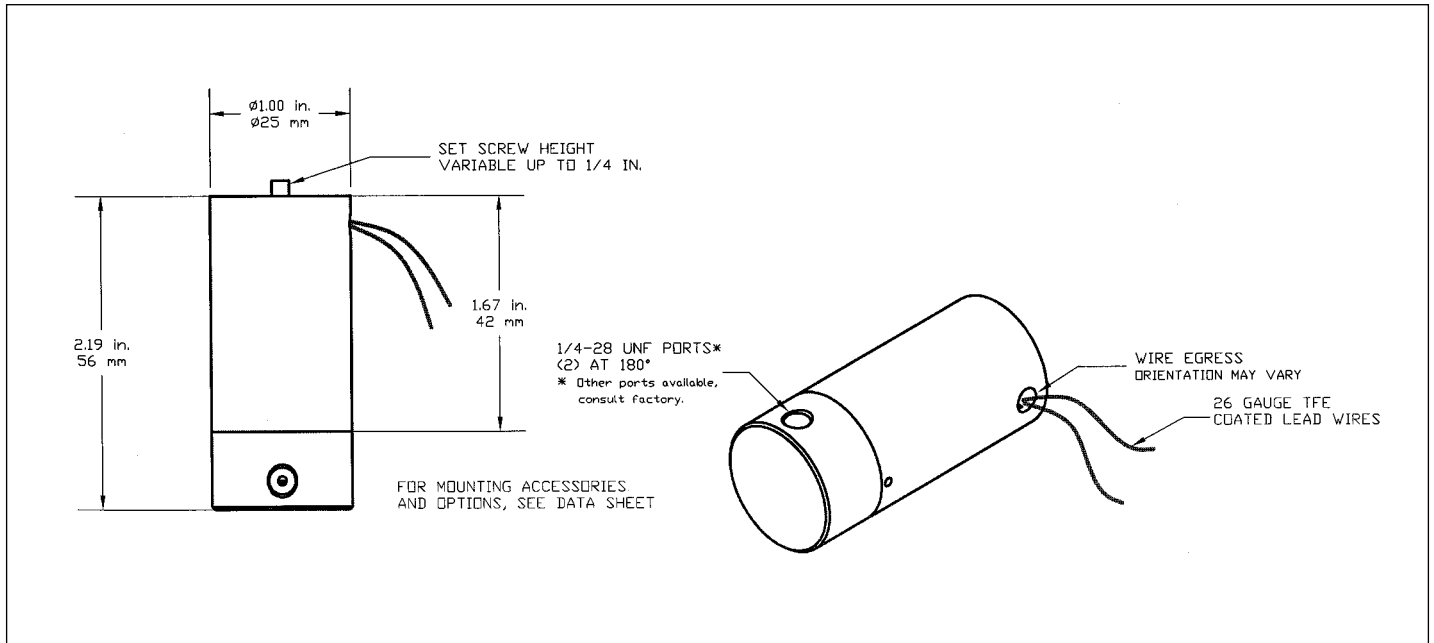
² Available only in a 2-way Normally Closed Valve.

³ Body Materials 2-5 are special orders.

Example: **P/N** **100** **T2** **NC** **24** - **62** - **4**
 Valve Size Style Operating Position Volts Orifice Dia. Body Material

INSTALLATION DIMENSIONS

Series 100T2NC Isolation Valves



Series 100T3MP Isolation Valve

