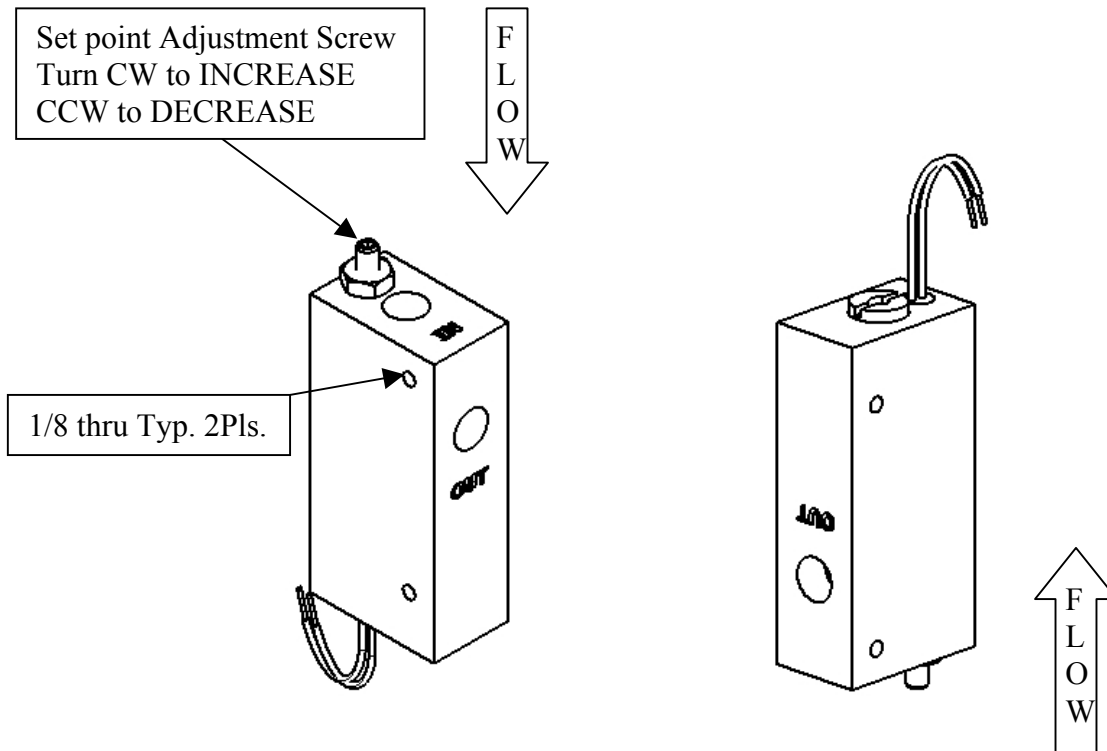




3077 SW 13<sup>th</sup> Drive, Deerfield Beach, FL 33442, Phone (954) 428-8259, www.chemtec.com

**INSTALLATION AND MAINTENANCE 125 SERIES**



**INSTALLATION**

Install the unit within 7 degrees of vertical; Calibration with Inlet up: Inlet port down changes adjustable range. Do not over tighten fittings on the Teflon unit. We recommend the use of a 10 micron filter. Ferrous metals, magnets and electromagnets will affect the operation of the unit. Use contact protection for longer reed switch life.

**SET SWITCH ACTUATION POINT**

Increasing flow actuation point: Set flow to rate desired; Loosen 8-32 locknut with ¼ wrench; use 5/64 Allen wrench to turn Adjustment Screw C.W. until contacts actuate (open). Then turn C.C.W until contacts de-actuates (close). Decreasing flow actuation: reverse previous procedure.

**MAINTENANCE**

Unscrew the Clean-out Plug located opposite Inlet port. Remove the piston from the body. Clean piston and body. Replace piston in the same orientation as it was removed. A torque of 14 in-oz is recommended for Teflon models.

**SWITCH CONFIGURATION**

Normally Open (N.O.) - Reed switch contacts are open with no flow and close on increasing flow  
Single Pole Double Throw (SPDT); White- Common, Blue – Normally Open, Green – Normally Closed

SWITCH DATA	Single Pole Single Throw (SPST)	Single Pole Double Throw (SPDT)
<b>Maximum Switching Voltage</b>	200 VDC / 150 VAC	175 VDC / 120 VAC
<b>Maximum Switching Current</b>	1.0 A (DC) / 0.7 A (AC)	0.25 A (DC) / 0.25 A (AC)
<b>Contact Rating</b>	50 W (DC) / 70 VA (AC)	5 W (DC) / 5 VA (AC)

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