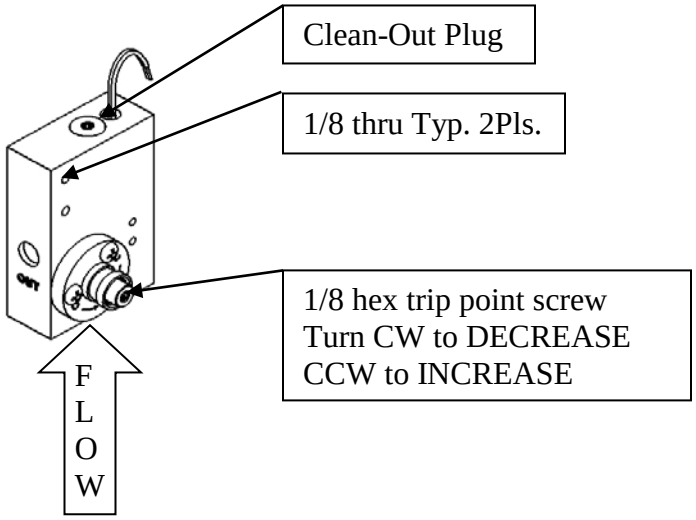
ChemTec 3077 SW 13th Drive, Deerfield Beach, FL 33442, Phone (954) 428-8259, www.chemtec.com

INSTALLATION AND MAINTENANCE 125BP SERIES



INSTALLATION

Install the unit within 7 degrees of vertical; Inlet at the bottom. Do not over tighten fittings on the Teflon unit. Avoid Teflon tape, pipe paste or other foreign material from entering the 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: Turn Adjustment Screw CCW to full open, Set flow to rate desired, Turn Adjustment Screw CW until switch actuates. Decreasing flow actuation: reverse previous procedure.

MAINTENANCE

Unscrew the Clean-out Plug. Use a magnet to 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. The position of the reed switch is factory set and should not be changed.

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
This device is to be connected to an isolating source, such as a transformer, that has no direct connection to the primary circuit, other than through the grounding means, and can supply no more than 30VAC, 42VDC, 8A and 100VA.

SWITCH DATA	Single Pole Single Throw (SPST)	Single Pole Double Throw (SPDT)
Maximum Switching Voltage	250 VDC / 265 VAC	175 VDC / 120 VAC
Maximum Switching Current	1.5 A (DC) / 1.1 A (AC)	0.25 A (DC) / 0.18 A (AC)
Contact Rating	50 W (DC) / 50 VA (AC)	5 W (DC) / 5 VA (AC)