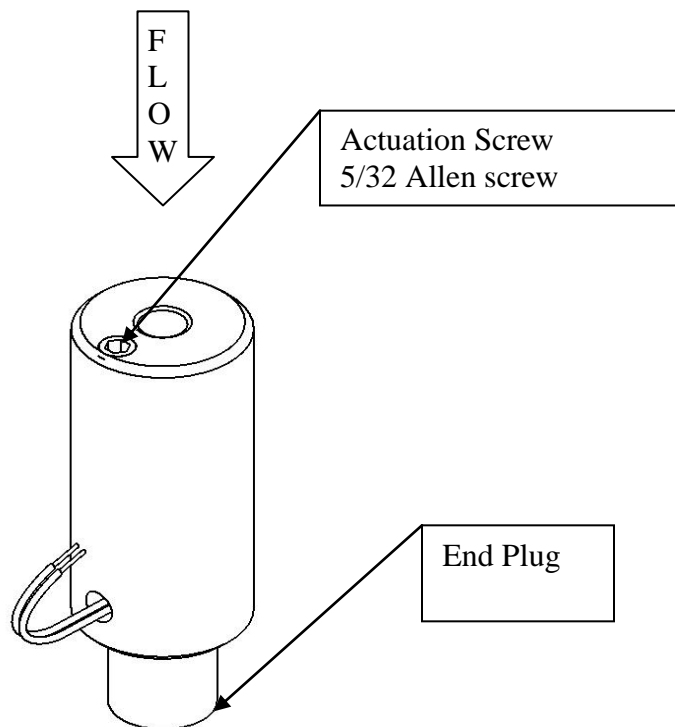




3077 SW 13<sup>th</sup> Drive, Deerfield Beach, FL 33442, Phone (954) 428-8259, [www.chemtec.com](http://www.chemtec.com)

## INSTALLATION AND MAINTENANCE CCM SERIES



### INSTALLATION

Install the unit within 7 degrees of vertical. Do not over tighten fittings. 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: Set flow to rate desired; use 5/32 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

By design, the CCM model is a low maintenance unit. If over time the bore becomes polluted or if the piston is not responsive to changes in flow, remove the End Plug and magnetic piston and clean the unit using a suitable solvent. Use a swab to clean out the bore of the unit; wipe down the piston. Take extra care when reassembling the unit to reinstall the piston in the same orientation.

### SWITCH CONFIGURATION

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

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

CCMIANDM092214