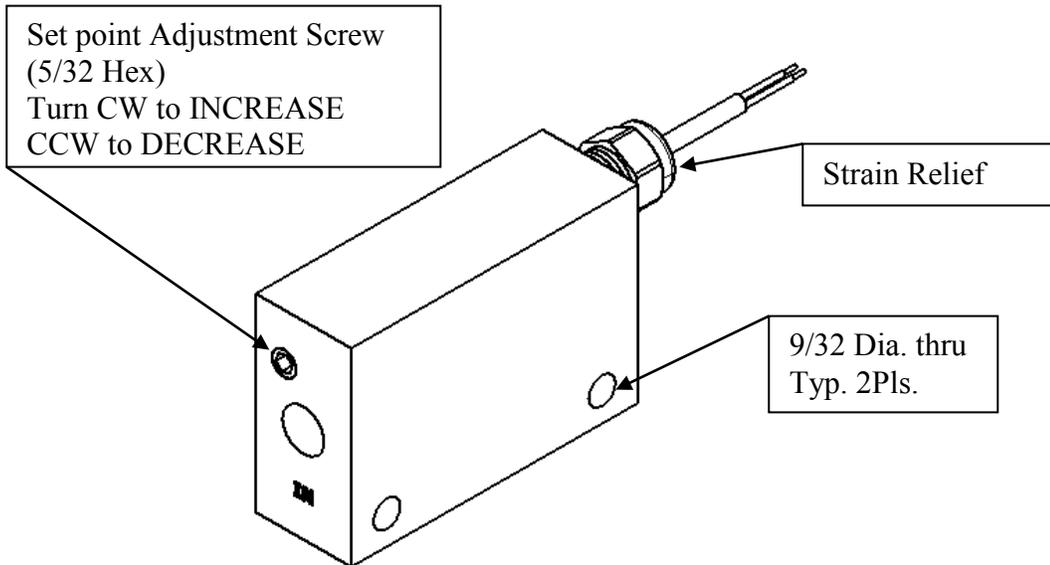




3077 SW 13<sup>th</sup> Drive, Deerfield Beach, FL 33442, Phone (954) 428-8259, www.chemtec.com

## INSTALLATION AND MAINTENANCE LCA SERIES



### INSTALLATION

Install the unit with Inlet in any orientation; calibration done with Inlet horizontal. Avoid Teflon tape, pipe paste or other foreign material from entering the unit. We recommend the use of a 100 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 trip flow, open strain relief, turn Adjustment Screw CW until switch de-actuates, CCW to actuate switch. Decreasing flow actuation: reverse previous procedure.

### MAINTENANCE

Metal units can be cleaned. Plastic units can't be disassembled.

By design, the LCA series is a low maintenance unit. If over time the piston is unresponsive to changes in flow, remove the retaining ring and magnetic piston and clean the unit using a suitable solvent. Take extra care when reassembling the unit to reinstall the piston in the same orientation and replace the retaining ring.

### SWITCH CONFIGURATION

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

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*\*Users are solely accountable for product selection, regardless of any recommendations or suggestions provided by ChemTec Equipment Company, Inc. Users should base product selection on their own analysis and testing to determine functionality and material compatibility in relation to their application. To ensure safe and trouble-free performance, it is essential to adhere to proper installation, operation, and maintenance procedures.*