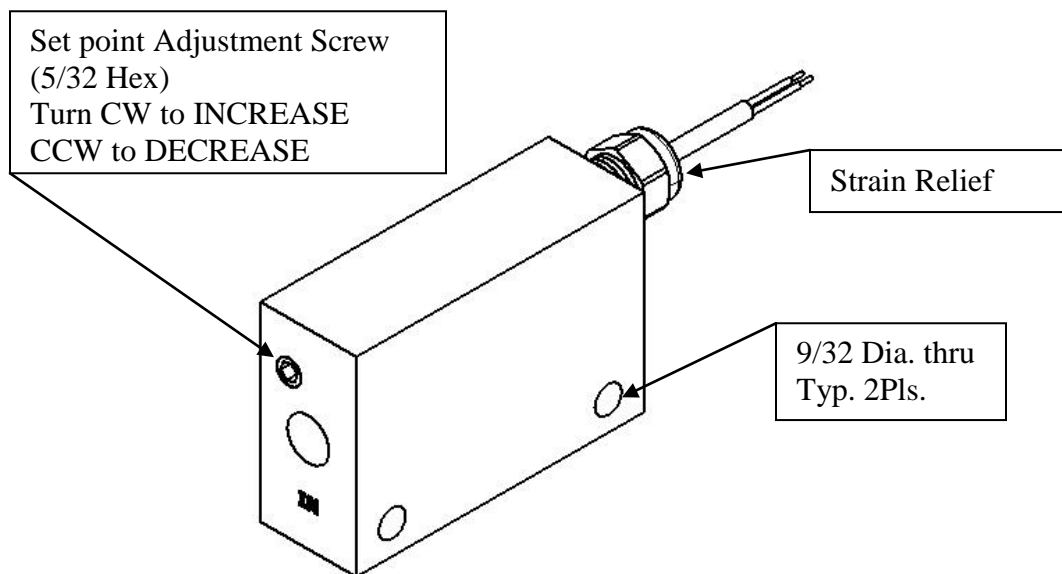




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## INSTALLATION AND MAINTENANCE LCA SERIES



### 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

Normally Closed (N.C.) - Reed switch contacts are close with no flow and open on increasing flow

Single Pole Double Throw (SPDT); Black- Common, Green – Normally Open, Red – Normally Closed

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)

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