

# LEVEL CONTROLLER (LC7)

## 1. TEST OPERATION ON BENCH

- Position both float switches in the low position.
- Plug in the power cord.
- Press the green button to open the N.C. solenoid valve. You will hear a loud click when the valve opens, and then quiet buzzing after that.
- When the liquid level gets high enough to raise the lower float switch, the solenoid valve will close. (this is *much* quieter than the valve opening)
- Repeat this a couple of times
- Test the (emergency) upper float switch by raising it. The alarm should sound, and if the valve is open at the time, it should close.

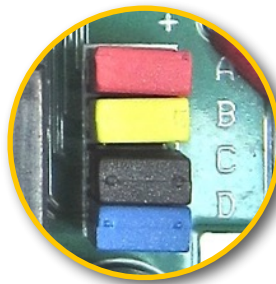


## 2. MOUNT ON TANK

- Using the mounting provided, (flat plate, tank bushing, rim-mount bracket, etc.) position on your tank.
- Adjust to correct depth. (usually this is with a perpendicular thumbscrew)
- Connect solenoid valve.

## 3. OPERATING MODES

- There are a couple of behaviors that can be selected on the circuit board inside the electronics enclosure. See chart.
- The relevant options for this product are (A) the relay reset and (B) the snooze alarm. The others (C & D) will interfere with operation.



LC7 WITH OPTIONAL SOLENOID VALVE

| JUMPER | FUNCTION          | JUMPER ON PINS  | JUMPER OFF PINS           |
|--------|-------------------|-----------------|---------------------------|
| A      | RELAY RESET       | AUTO            | MANUAL (MUST PUSH BUTTON) |
| B      | SNOOZE            | 30 MINS         | NO SNOOZE                 |
| C      | RELAY ORIENTATION | NORMALLY CLOSED | NORMALLY OPEN             |
| D      | FLOAT ORIENTATION | N.C.            | N.O.                      |

OPERATING MODES

## 4. GENERAL

- The enclosure is waterproof (IP65) and can be sprayed down with a hose.
- There is no maintenance required except perhaps inspecting the float switches if they are being used in a dirty solution.

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