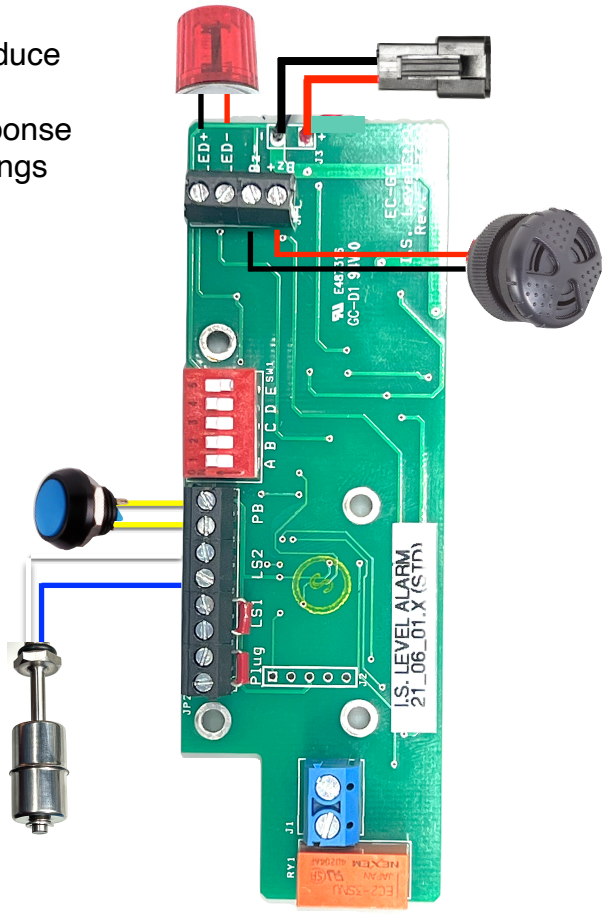
# PCB INSTALLATION - I.S.

## 1. GENERAL

The tank alarm “Head” accepts up to 3 inputs to produce alarms. The 3 inputs produce different responses according to the “Logic Table” below. The alarm response for each can be set according to the DIP switch settings in table 1 below.




## 2. WIRING

- Any contact close such as a float switch may be connected to any of the input terminal pairs LS1, LS2, and Plug. Any “simple Apparatus” that does not generate or store energy is suitable and will be compliant for Hazardous Locations.
- The inputs are Normally Closed and if they are “open circuit”, the unit will produce an alarm. Therefore, unused terminals must have a jumper wire inserted.
- Relay output is available on the (blue) terminal block J1. Simply wire a conductor to these terminals and the output can be carried for at least 1000 feet. The maximum carry current is 80 mA, so this is not for powered devices!

## 3. BEHAVIORS

- The behaviors can be changed using the DIP switch according to the table below.

| SWITCH | LEFT | RIGHT |
|---|---|---|
| E | Relay delayed 15 minutes | Relay is immediate |
| D | Relay N.O. | Relay N.C. |
| C | Auto reset of relay, LED, BZ | Latching alarm until level is corrected. Must push button to reset. |
| B | PB silences BZ but LED and relay stay energized until level is corrected. | PB shuts off BZ, LED and resets relay regardless of level. |
| A | 30 minutes BZ snooze. | No snooze. One PB press silences BZ until next event. |

- For the outputs corresponding to each terminal input (LS1, LS2, Plug) please see our document “I.S. PCB MODES CHART” which describes these for firmware version 21_06_01.X