LEVEL CONTROLLER

1. CHOOSE MODE

The standard modes available are selected by the jumpers A,B,C,D.

JUMPER	JUMPER ON PINS	JUMPER OFF PINS
A	NOT USED	NOT USED (FOR CUSTOM PROGRAMS)
B	30 MIN. SNOOZE ALARM	NO SNOOZE ALARM
C	TANK FILLING	TANK EMPTYING
D	CONTINUOUS BUZZER	INTERMITTENT BUZZER OUTPUT (WIRELESS)

- The snooze alarm means that the buzzer will be silenced only temporarily: after 30 minutes it will sound again and so on.

INSIDE THE ENCLOSURE

2. POWER

- The unit draws 110VAC power from the prongs of the piggyback plug. It is converted to 12V by the waterproof power converter. All logic circuits including the cable connecting the two pipes are 12VDC.

- The 15A dry contact relay switches power to the back (receptacle) side of the piggyback plug to turn on devices like pumps.

- The relay will carry 15A @110V continuously. It is not intended to be field replaceable. For motors that have large current surges another larger relay is necessary. The power cord is 14 AWG designed for 15A@110VAC service.

3.OPERATION

SET DESIRED LEVEL POINTS

- Loosen the thumbscrews to slide the tubes to desired level. Extra cable is stored in the long float pipe which can be pulled out by loosening the cord grip. When finished, tighten the thumbscrews to lock.
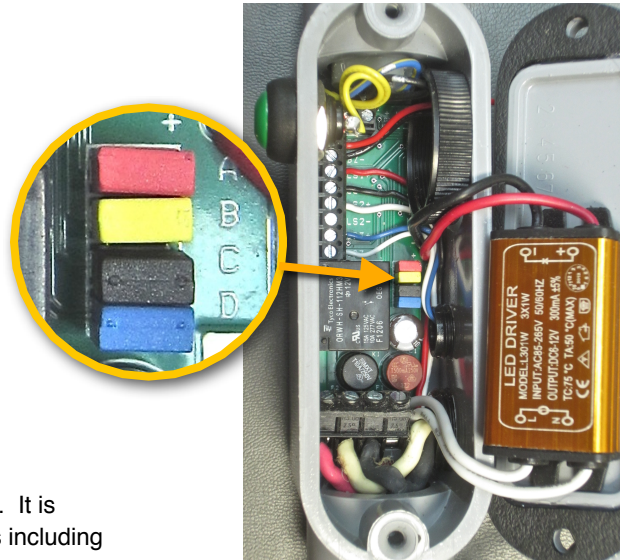
PUSH BUTTON

- During an alarm condition, the push button silences the buzzer while the LED continues to flash until the level is corrected.

- When there is no alarm, (level is between the floats) the button allows manual control of the relay and testing of the buzzer. (pushing once will turn the relay on, a second push turns it off, etc.) When the level reaches one of the floats the controller will resume correct level control automatically.

EMERGENCY ALARMS

- There is a third float switch that causes an alarm if activated. In additinon, tt also controls the relay to prevent overflow. For example, in a tank-filling application, if the high level float fails, the emergency float switch would switch the relay in addition to sounding an alarm.

- If the high and low float switches are in an unatural state (like the high floating high and the low is still low) an alarm is given.

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EMERGENCY FLOAT

HIGH LEVEL FLOAT

GUARD REMOVED

LOW LEVEL FLOAT INSIDE PIPE