

3 - Probe Pump In Liquid Level Controller

Model: 3PIN120/31"

This unit is 120vac only on the black & red wires.

- 3 Probe liquid level inputs:
 1. Green Probe = Reference probe is always the longest probe and should always be submerged.
 2. White Probe = Closes MOSFET contact to energize a relay or solenoid & is cut above green probe. This probe also has a 6 second delay before changing states.
 3. Black Probe = Opens MOSFET contact to de-energize a relay or solenoid & is cut above the white probe. This probe also has a 6 second delay before changing states.

Liquid level stays between white & black probes. The white probe turns on the make-up fill and the black probe turns off the make-up fill. Cut the white and black probes at a distance apart that you want the liquid level to stay between. The level will stay between these two probes.

- Wiring: Turn power off!
 1. Black Wire = Hot = 120vac supply for the electronics (1amp fuse).
 2. Red Wire = Neutral = 120vac return for the electronics.
 3. Orange Wire = Hot = 0 to 120vac or dc input to the MOSFET contact (3amp fuse).

IMPORTANT do not operate hot be sure to fuse this before applying power. A MOSFET that accidentally gets shorted with a voltage applied will blow apart making it inoperable and voiding the warranty.

 4. Blue Wire = Hot = 0 to 120vac or dc whatever the orange wire is supplying and goes to your load a relay or solenoid.

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Wiring Diagram

