

DESCRIPTION

The **GEFCO #EE115A Level Monitor** is equipped with solid state circuitry to provide for a total of 3 sensor inputs operating in accordance with N.E.C. Art. 680 at less than 15V DC. The sensor inputs are connected to a max. of 3 float switches (see GEFCO #EE129 or GEFCO #EE130 Series Float Switches).

The float switch when activated by water waves reverses its switch position with that water action. At that point the circuit logic will switch the built-in relays to an energized condition, thus, switching any control circuit in the desired mode with a built in time delay to prevent output cycling. Time delay: approx. 30 - 75 sec. The time delayed status is determined by the float switch maintaining that position cumulative for a minimum of 30 sec. When the float switch is up restored the switch returns to its original state. At this point the logic circuitry will de-energize the built-in relays thus reversing the previous control circuit status. Time delay: 30-75 sec. The time delayed status is arrived at by the float switch maintaining its position cumulative for a min. of 30 sec. The sensor inputs are short-circuit proof. Should a short circuit occur (by means of water entering a conduit or junction box or the physical destruction of the floats the system will energize the built-in relays and thus switch the controls to a inactive (red lights on) status.

The status of the relays, respectively the water table, is indicated on the monitor face with 2 (two) each green and 2 (two) each red LED pilot lights indicating a normal or abnormal status of the high and low water table levels. The monitor is also designed to function with standard float switches in ball or magnet activated reed switch form. The monitor will also function with proximity switches (NPN)

TECHNICAL DATA:

Power Supply: 120VAC
 Power Consumption: 37.5 VA
 Sensor Input: High Level 1
 Low Level 2

Relay Switches rated at: 1/4 hp at 120V AC 250VA SPDT
 Power supply transformer in accordance with N.E.C. Art. 680.

TYPICAL SPECIFICATIONS:

- * **GEFCO #EE115A** Level Monitor:
 - 2 independent sensing circuits
 - total of 3 sensor inputs
 - 2 red LED pilot lights
 - 2 green LED pilot lights
 - 2 SPDT relays rated at: 250VA, 1/4HP 120VAC
 - power consumption 37.5VA
 - power supply in accordance with N.E.C. Art. 680

IMPORTANT

The designers, installers and end users utilizing the electrical equipment described herein assume full responsibility for the compliance with the NEC and it's applicable articles, intents and consequences. Where the manufacturer and/or the supplier of the electrical equipment described herein does not control the application or usage, he assumes no responsibility whatsoever for any consequences arising out of the application, installation and/or usage of this or any other equipment and/or materials.

