PUMP PIT HIGH LEVEL ALARM

Applications

This pump pit high level alarm monitors water levels in pump pits, storm water drains, tanks, pump chambers, sewage and other types of water pump systems. The pump pit high level Alarm can also be used as a low level alarm depending on the requirements of the customer.

The alarm activates a siren when there is a threatening high level of liquid within the pump pit, then a red LED lights up on the control panel depicting a low level alert. There is a push button manual mute for the alarm and an automatic timer that will cut out the siren after 5 minutes.

Specifications

Input
Float Voltage (Low): 5V DC
(see installation instructions)

Power Supply
Level Control Power
Voltage Range: 240V/50Hz
(double insulated)
Current: 300mA

Display
LED Power On: Indication
Flashing LED: High Level

Housing
Type: Supplied in a IP 55 enclosure
Material: ABS
Dimensions: 140 x 150 x 75mm

Alarm Outputs
Screamer: Activate on high or low level
Manual Mute: On screamer or automatically turns off in approximately 5 minutes
Voltage free C/O: Max 10 amps @ 240V

Features

- Power On LED
- Flashing High Level LED
- Audio Alarm with Auto Mute (5 minutes)
- Manual Alarm Mute Button
- Auxiliary Alarm Contacts (remote indication)
- Weather Proof Enclosure

PRODUCT & SALES ENQUIRES

Ph: 1300 017 170 or 08 9726 0257
EMAIL: sales@sepron.com.au
WEBSITE: www.sepron.com.au
PUMP PIT HIGH LEVEL ALARM
Installation Instructions

Alarm Installation

1. Mount the alarm box using existing mounting tabs at the back of the box.
2. Determine “conduit-in” locations on alarm see Figure 2.
3. If conduit is used remove gland and fit appropriate adapter.
4. Bring float switch cable through cable gland and wire to terminal strip positions Float & GND on alarm cover Figure 2.
5. If remote device is used, connect to terminal strip for auxiliary contacts as shown in Figure 2.
6. Attach alarm box cover using the four pre-installed screws.
7. Turn on power
8. Check installation by manually tipping the float.
   The system should indicate an alarm condition
9. Push mute button to test alarm silence feature.
10. Test unit periodically to ensure proper operation.

*NOTE: It is good installation practice to install pump and alarm on a separate power circuit.

Float Installation

1. Determine desired activation level see Figure 1.
   Position float to activate prior to a threatening liquid level condition. To adjust activation level, move float to the appropriate level.

---

Figure 1.
Open Plan of the High Level Alarm

Figure 2.
Open Plan of the High Level Alarm