

HIGH LOW LEVEL ALARM

Audio – Visual High / Low level alarm for use with sewage and waste water sumps or water tanks

APPLICATION

- Flooding / Spilling of hazardous sewage and waste water due to submersible pump failure or overflowing of potable water from the holding tank can happen if there is no prior warning to the user.
- Wallace Pumps have produced the Electronic High / Low Level Alarm system. It will give a prior audio-visual warning of the possible overflow so remedial action can be taken.



DESIGN FEATURES

- High or low level audio / visual alarm actuation by float switch (10m cable)
- High Intensity Flashing LED Indication for “Alarm On”
- LED Indication for “Power On”
- Audio Buzzer sound activation for alarm on
- “Mute” switch on panel to stop the buzzer sound only
- Set of Volts free contacts for Remote Alarm or Building Management Systems
- Safe Low Voltage (12V DC) control circuit for float / pressure switch
- Standard 230V, 1 Phase, 50 HZ power input to unit
- Can be used as High / Low Pressure Alarm system by using a standard pressure switch as sensor instead of float switch

TECHNICAL FEATURES

- Installation of a float switch at required level in the sump/tank. Float switch wires to be connected to the installed Alarm panel. 230V, 1Ph power supply to be connected to Alarm Panel.
 - The alarm panel will automatically activate the alarm
 - Panel starts flashing the high intensity “ALARM ON” LED
 - The volts free contacts in the panel will close giving signal to remote alarm or Building Management System if connected.
 - The alarm can only be stopped by pressing the “MUTE” switch on the panel. The rest of the features will remain activated until the level goes back to normal and the float switch contacts are open
 - All features automatically reset to original settings when the level goes back to normal and the float switch contacts are open.
 - Alarm system can be easily retrofitted to existing sump / tank.
 - Alarm system can be used to avoid high / low pressure by using a pressure switch instead of float switch.