



## GUARDIAN ALERT SYSTEM

The High Level Alert is an alarm with built in backup battery that signals when a pump station water level rises beyond acceptable levels. The alarm operates from a switched input, such as a float switch or pressure switch. The alarm can be activated either by a closed circuit switched input or an open circuit switched input.

Once activated, the alarm provides a visual and audio indicator. There is an option to connect an external beacon or other circuitry via the auxiliary output and/or the volt free relay output. A mute button allows the operator silence the audio alarm of the unit without affecting the visual, auxiliary output or volt free relay output of the alarm.

A test button conveniently allows the operator to check the alarm functions without the need of triggering the input to the alarm. Power to the alarm is indicated via a blue constant light, allowing easy operational inspection of the unit. In the event of a power outage the alarm will still operate for up to 72 hours and the power indicator will flash red.

Typical uses for this alarm are high or low-level warnings in water tanks and package pump stations.



## THE DPT HIGH LEVEL ALERT FEATURES

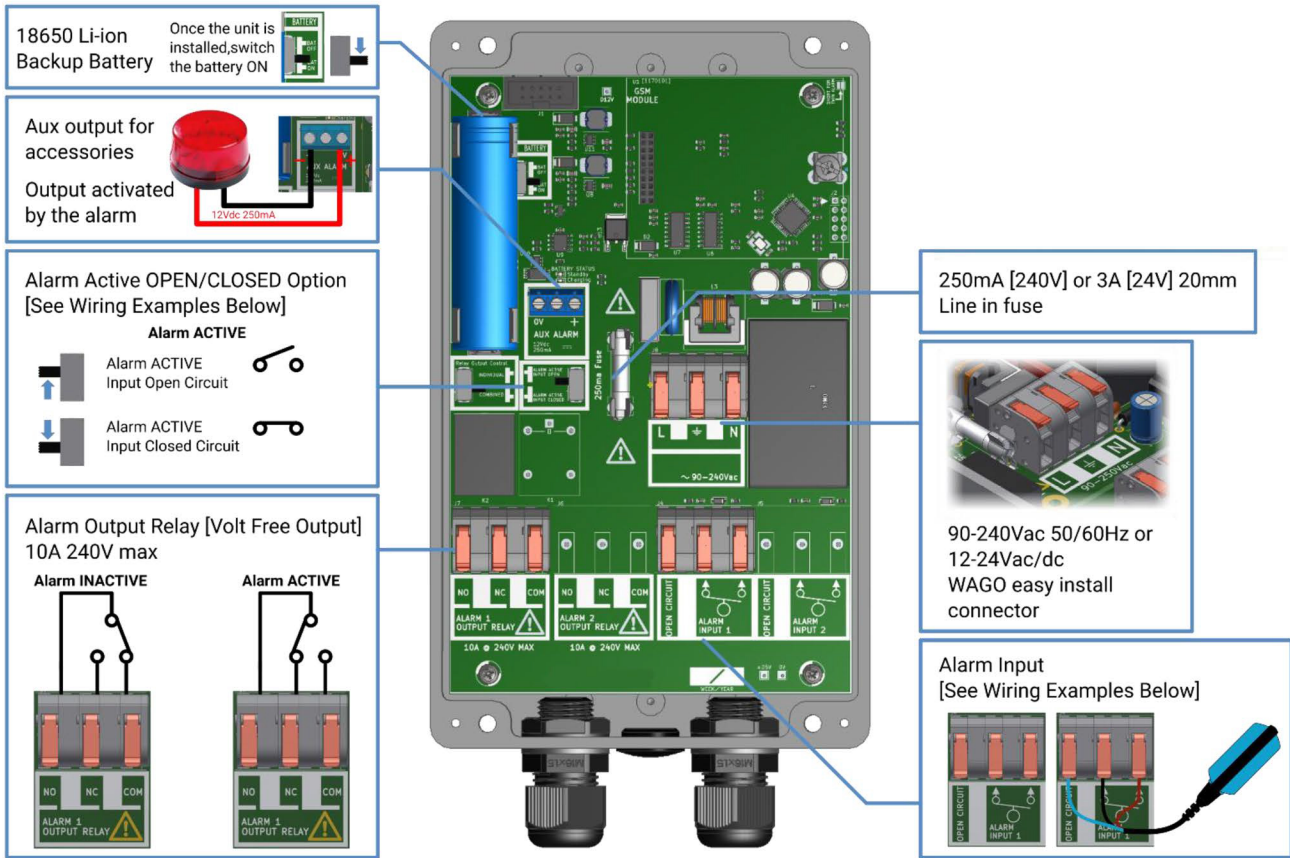
- Alarm audio buzzer
- Alarm audio mute button
- Alarm test button
- Power LED indicator
- IP65 rated enclosure
- Auxiliary alarm output for beacon or siren
- Volt free relay contact
- Configurable for ACTIVE open or ACTIVE closed alarm input
- Easy installation no tool required WAGO wiring terminals
- Backup battery with up to 72 hours run time

## ACCESSORIES

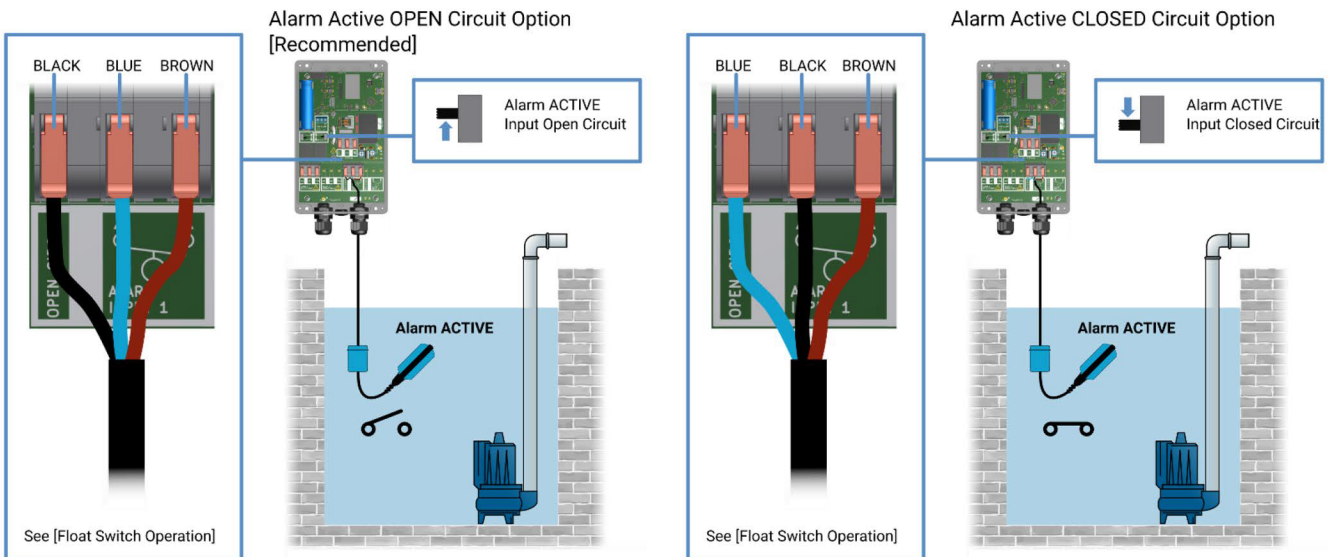
- Flashing Red Beacon
- Works with all DPT float switches
- GSM upgrade module

Specifications	
Description	Rating
<b>Enclosure</b>	
IP Rating	IP 65 Rated
Dimensions	230x120x100mm
Weight	0.7kg
<b>Supply Voltage</b>	
240V Variant	110V-240Vac [50/60Hz]
<b>Fusing</b>	
Fuse Details	250mA [Internal 240V]
<b>Switched Input</b>	
Max Cable Length	200m
Switched Voltage	5Vdc
Max Switched Current	10mA
<b>Audio Output</b>	
Max Sound Level	105dB
<b>Visual Output</b>	
Alert Type	Flashing Red LED
<b>Output Relay</b>	
Relay Topology	SPDT [COM/NO/NC]
Max Current	10A @250Vac
Max Voltage	250Vac
<b>Auxiliary Output</b>	
Voltage	12Vdc
Max Current	250mA [3W]
<b>Terminals</b>	
Terminal Capacity	0.2-4mm [Tool Free Fitting]
<b>Temperature Details</b>	
Ambient Temperature	-10 °C to +55 °C
<b>Battery Details</b>	
Backup Battery	72 Hours Max Run Time

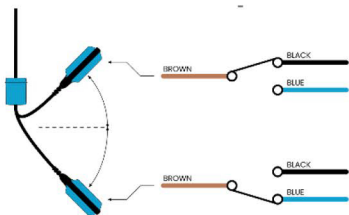
# GUARDIAN ALERT SYSTEM



## TYPICAL INSTALLATION



## FLOAT SWITCH OPERATION



NOTE: The float switch must be tethered or weighted to operate correctly

## INSTALLATION WARNINGS

- When the cover of the product is removed, ensure the supply is isolated.
- Take extra care when connecting stranded cables into the connectors. Avoid lengthy uninsulated cable and ensure there are no loose cable strands
- Do not install this product where the audio alert from the alarm will be impeded. Please note the environment the product is situated will affect the audio & visual alert.
- If the battery is damaged in any way replace immediately.