

System Sump and Pump

NEWTON HIGH WATER LEVEL ALARM

Detects High Water Levels Within Pump Chambers

Rev 2.0 - 19 February 2016

PRODUCT CODE - PA50

INTRODUCTION

The Newton High Level Water Alarm - PA50 is designed to detect high water levels within pump sump chambers, and is included within [Newton Titan-Pro](#) and [Newton Titan](#) pumping systems. The alarm is battery operated and uses a standard 9V PP3 battery.

The alarm can be programmed to automatic reset or manual reset after an alarm occurrence. A mute button to the front face silences the alarm once the alarm condition is discovered. A flashing alarm light gives visual indication of an alarm condition and this light will continue to show even when the alarm sounder is muted.

When the unit is to be used within a single pump system, the alarm switch should be positioned just above the point where the single pump should start pumping. When used within a twin pump system, the switch should be set at a height above the point of the start of the lower pump but below the point where the secondary pump would ordinarily start.

KEY BENEFITS

- Loud 90dB Alarm
- Auto or Manual reset options
- 5m Float Cable
- Mute Button
- Test Button
- Surface mounting or flush mounting to standard electric back box
- Battery powered
- Zero voltage output to notify the [Newton Text & Speech Dialer](#) or BMS (Building Management System) of an alarm occurrence

TYPICAL APPLICATIONS

Provides alarm function for single or twin pump systems where no control panel is installed.

INSTALLATION INSTRUCTIONS

Please see installation sheet supplied within packaging (also available from our website).

ASSOCIATED PRODUCTS

- Newton [NP](#) and [CP](#) pumping range
- Newton Titan-Pro and Titan packaged pumping systems
- Newton Text & Speech Dialer - PA5

LIMITATIONS

Not suitable for use as an alarm for sewage pumps.

PACKAGING & HANDLING

Alarm is supplied in reinforced and protective cardboard box. Please handle with care.

**WARRANTY**

The alarm is supplied with a one-year back-to-base warranty which is dated from either the date of purchase or a proven date of installation. If the unit develops a fault during the warranty period, Newton Waterproofing Systems will repair or replace the unit under warranty. Post the unit to the address below, together with an explanation of the problem and a return address. The warranty will be invalidated if the unit is damaged because of improper handling, storage, or installation and in such cases a repair charge may be applicable.

STORAGE

Store in dry conditions at temperatures between 5°C and 35°C. Do not expose to freezing conditions.



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TECHNICAL DATA

Features	Result	Units
Width	152.0	mm
Height	92.0	mm
Depth	37.0 (8.00 if mounted in back box)	mm
Weight	700	g
Power supply	9 - PP3 battery (supplied)	V
Sounder volume (dB)	90	(at 1000mm)v
Switching	Reed switch	