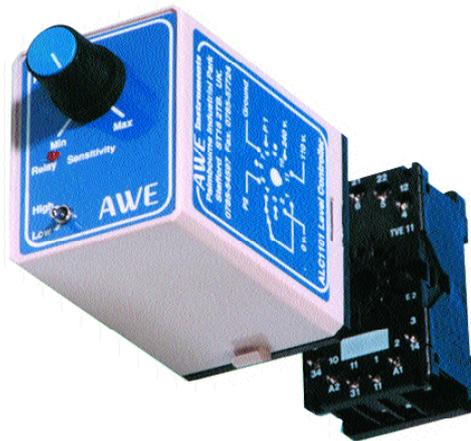
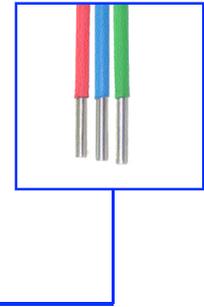




Model ALC1101 Liquid level Controller.



- * Dual Voltage Supply 110/240 v
- * LED Indication of Mains supply
- * Fail to Safe Fill or Empty
- * Adjustable Sensitivity
- * LED Indication of Relay State
- * Plug in Mounting.
- * Optional IP55 Housing

The Model ALC1101 Liquid level controller is designed for inside panel mounting to provide reliable Liquid level control of conducting solutions.

The principal of operation is by detecting the electrical resistance between electrodes set at desired levels.

The electrodes are connected to a low voltage electrical sensing circuit which is amplified to control the switching relay within the liquid level controller.

When the liquid rises or falls and makes or breaks contact with an electrode the switching relay energises or de-energises as per the required setting.

A green LED shows the mains power is on and a red L.E.D. shows when the relay is energised.

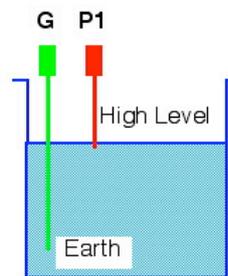
The ALC1101 maybe used as a high or low level alarm selected by the function switch on the level controller front panel. Two electrodes are required one for the alarm point and the other for the earth return.

The ALC1101 may also be used to control between two levels for either pumping in or pumping out which again maybe selected by the function switch.

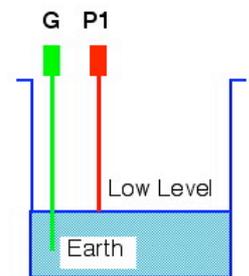
An earth electrode and two electrodes set for the two required levels are required for this operation.

The liquid level controllers are of simple design and construction intended to provide many years of reliable service.

Level Alarm

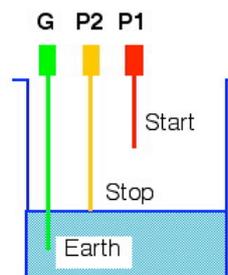


High Level Alarm

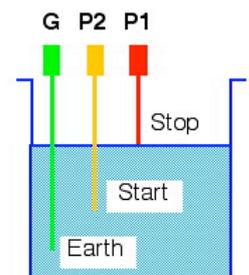


Low Level Alarm

Level Control



Pumping Out Between Two Levels



Pumping In Between Two Levels

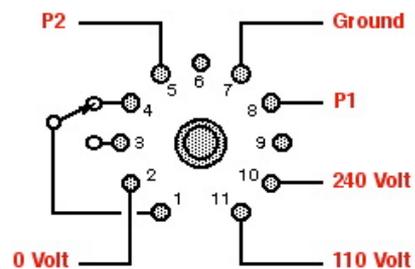
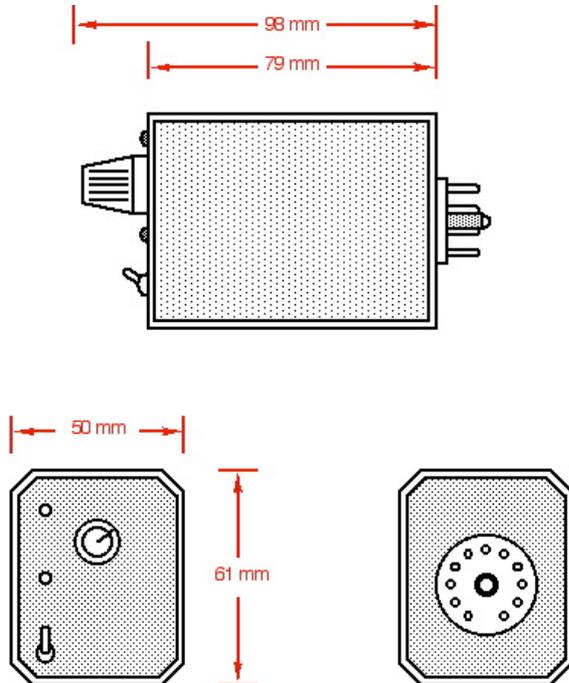
Specifications

ALC1101

Sensitivity	Adjustable 100Ω to 30kΩ aprox
Output	Relay contacts 5 amp non inductive
Switching differential	Better than 5%
Ambient temperature	-10 °C to 60 °C
Indication	Red LED showing relay energised Green LED mains supply
Connections	11 pin base (not supplied)
Supply	240 or 110 Volts AC 50-60 Hz.
Weight	250 grams. aprox

Dimensions

Connections



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