

35716-MP

Battery Under Voltage Monitor

Compact Battery protection module for 9-12V battery voltage monitoring, with buzzer & LED alarm. When battery drops below set voltage, the buzzer beeps & the LED lights; When the battery voltage rises above the set value, the alarm resets.

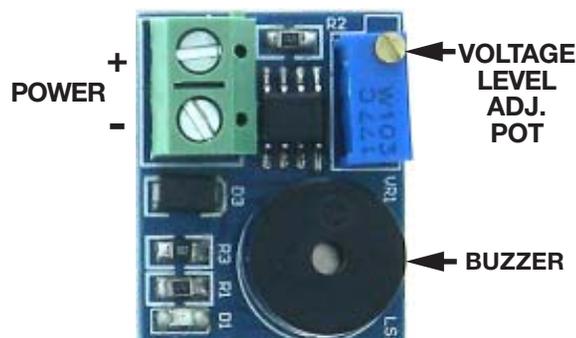
Voltage Range: 6-15V Max **No Overvoltage Protection**

Adjustable Set Point for individual battery types.

Reverse polarity Protected.

Connection: Terminal Strip.

L: 1" **W:** 13/16" **H:** 9/16" **WT:** .02



EXAMPLE UNDER-VOLTAGE SETTING METHOD: FOR REFERENCE

For 9V or 12V Batteries Follow the Chart to set you value as required

The following is the correspondence between the undervoltage and the resistance between Pin 1 & 2 of the Potentiometer. Adjust the Potentiometer approximate resistance value shown to set the corresponding under-voltage value (Factory default undervoltage is 10.5V)

MAX INPUT VOLTAGE 15V

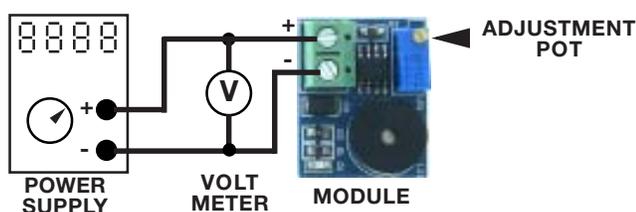
For 9V Battery	Approx. Pot Resistance	For 12V Battery	Approx. Pot Resistance
8.5V	6.57K	11V	5.07K
8V	7K	10.5V	5.29K
7.5V	7.48K	10V	5.54K

For a more absolute Calibration:

Place a well regulated, low noise, metered (0-15V@1A Min) Bench Supply as input to Alarm (and/or a accurate Voltmeter across Module Input.

Adjust the Power Supply output to the Low Voltage Alarm voltage you require.

Adjust the Potentiometer on the Module Until the Alarm sounds.



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