

Voltage Sensor Module 25V

User Manual



Pinouts:



Pin Name	Description
VCC	The positive terminal of the external voltage source range from 0 to 25V
GND	The negative terminal of the External voltage source
5	Analog pin needs to be connected to Analog pin of the microcontroller
+	Not Connected
-	Ground Pin needs to be connected to the GND of the microcontroller

Interfacing Sensor with Microcontroller:

Interfacing a B25 voltage sensor with a microcontroller like Arduino is simple and easy. You need to connect the VCC and GND of the supply voltage to the screw terminals of the voltage sensor. Connect

the – and S Pins of the voltage sensor to the ground and analog pin of your microcontroller, respectively.

Applications of Voltage Sensor:

Detection of Power failure

The power failure system enables a person to get signal alerts when the major power goes out. Therefore, requires a voltage sensor.

Voltage Monitoring

Reference Code :

They provide constant voltage monitoring and provide the data that can show a problem. Low voltage can cause signal a potential issue, while the higher voltage is dangerous for devices and the environment. So, the voltage sensor helps when thresholds get decreased or exceeds and hence sends the warnings.

#include <Wire.h> int val11; int val2; void setup() { pinMode(LED1,OUTPUT); Serial.begin(9600); Serial.println("Emartee.Com"); Serial.println("Voltage: "); Serial.print("V"); } void loop() { float temp; val11=analogRead(1); temp=val11/4.092; val11=(int)temp;// val2=((val110)/10); Serial.println(val2); delay(1000); }); }