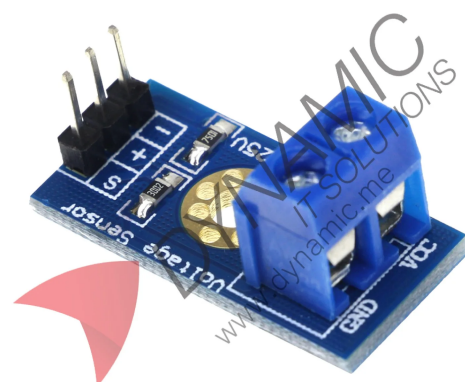


Voltage Sensor DC 0-25V



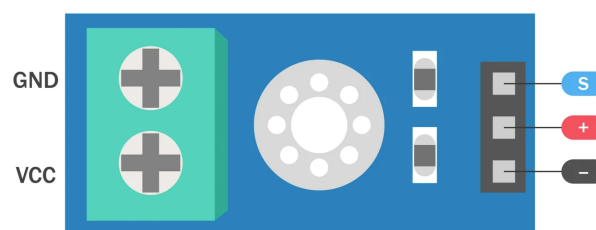
Feature

The voltage sensor module offers a compact and efficient way to measure DC voltages up to 25V using a microcontroller's analog input. It uses a precision resistor divider (5:1 ratio) to scale high input voltages down to safe levels for 5V ADCs. With high resistor accuracy (1% tolerance), it ensures reliable readings. The module is ideal for monitoring power supplies, detecting faults, or performing load sensing in embedded systems.

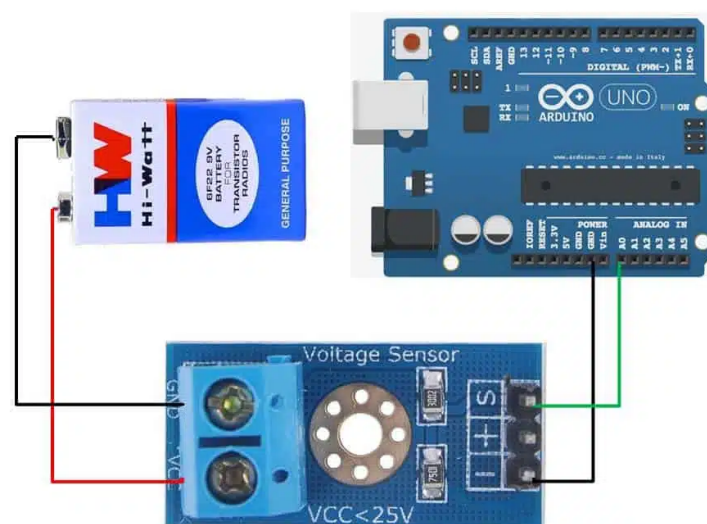
Specifications	
Model	Voltage Sensor DC 0-25V
Voltage Detection Range	0.024 V – 25 V DC
Analog Resolution	0.00489 V
Divider Ratio	05:01
Max Input Voltage	25 V
Resistor Values	30k Ω / 7.5k Ω
Resistor Tolerance	1%
Output Type	Analog voltage (scaled)
Dimensions	Small form factor module
Use Cases	Power monitoring, voltage detection, load sensing, demand control, safety switching

Pinouts:

Pin Name	Type	Description
VCC	Voltage Input	Positive terminal of the voltage to be measured (0–25V)
GND	Voltage Ground	Negative terminal of the voltage to be measured
S	Analog Output	Scaled voltage output to microcontroller analog pin
+	Not Connected	No connection
–	Ground	Ground connection to Arduino



S : Signal (+) : NC (-) : Ground



Product Pictures:

