

**Product Code . JL-TWL-9197**

## Differential Voltage Sensor



### Description

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Differential Voltage Sensor

#### Description:-

The Differential Voltage Probe is the preferred voltage sensor in cases where more than one voltage sensor will be used in the same circuit.

The Differential Voltage Probe reports the potential difference between the red and black leads.

Explore the basic principles of electricity and measure voltages in low voltage AC and DC circuits.

Use multiple Differential Voltage Probes to explore series and parallel circuits.

With a range of  $\pm 6.0$  V, this system is ideal for use in battery & bulb circuits.

#### Specification:-

Supply voltage: 5 VDC

Input Impedance (to ground): 10 M  $\Omega$

Input voltage range:  $\pm 6.0$  V

Maximum voltage on any input:  $\pm 10$  V

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Differential Impedance: >20 M ?

Resolution: 3.1 mV

Linearity: 0.01%

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