



T-MAG-SPT-300 Sensor

300 Volt AC Potential Transformer Sensor

The Magnelab 300-Volt AC Potential Transformer is used with the FlexSmart TRMS Module to provide accurate measurement of AC voltage. One or two PTs can be used with each FlexSmart TRMS module. This sensor offers an accuracy of $\pm 1\%$ (from 10% to 130% of rated voltage), but because this transformers ties directly into the line, it should be used only by qualified personnel.



Supported Measurements:

AC Voltage

Key Advantages:

- 2 input channels of AC Current and/or Voltage
- Measures True RMS for accurate readings of sinusoidal and non-sinusoidal waveforms

T-MAG-SPT-300 Sensor Specifications

Measurement range: 150, 300, 600 Volts AC

Accuracy: $\pm 1\%$ (from 10% to 130% of rated voltage)

Phase angle: < 1 degree

Output signal to FlexSmart Module: 0.333 Volt at rated input voltage

Connections: 8-ft PVC insulated wire, UL1015

High voltage input: #14 AWG, blue/brown

Low voltage output: #22 AWG twisted pair, black/white

Construction: Epoxy filled ABS plastic

Dimensions: 5.5 cm x 3.9 cm x 3.1 cm (2.2" x 1.6" x 1.2")

Weight: 491.2g (17.33oz)

Number of data channels: 1

To download the manual from Magnelab click [here](#).