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 ±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: ±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.

Contact Us

Sales (8am to 5pm ET, Monday through Friday)
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