



# ConLab AC Voltage Transmitter Sensor for HOBO Data Loggers (0 - 150 Volts AC)

## Product Images



## Short Description

A self-powered transformer for monitoring sine wave and single-phase AC voltage. Available in two versions: 0 to 150 Volts AC, and 0 to 300 Volts AC.

## Description

The AC Voltage transmitter is a self-powered transformer for monitoring sine wave and single-phase AC voltage. Available in two versions: 0 to 150 Volts AC (SKU: T-CON-ACT-150), and 0 to 300 Volts AC (SKU: T-CON-ACT-300).

Requirements for use with specific data loggers:

- HOBO MX1100 series: a 4-20mA input cable ([SD-MA-420](#))
- HOBO U12, UX120-006M, or ZW series: a 4-20mA input cable ([CABLE-4-20mA](#))

## Additional Information

Country of Manufacture	Israel
Explanation	<p><b>Ranges: 0-150 (T-CON-ACT-150) or 0-300 (T-CON-ACT-300) volts RMS</b> <b>Sensor accuracy: &lt;math&gt;\pm 0.1\%&lt;/math&gt; of span (20% to 120% of range) <math>\pm 0.25\%</math> of span (10% of range)</b> <b>Over range: +20% of span</b> <b>Over load: +40% of span</b> <b>Frequency: 60 Hz AC</b> <b>Supply: Self-powered</b> <b>Output: 0-20 mA</b> <b>Response time to 90%: &lt;math&gt;&lt; 240&lt;/math&gt; msec</b> <b>Operating conditions: -20° to 70°C (-4° to 158°F); 5-95% RH, non-condensing</b> <b>Housing: Plastic polycarbonate</b></p> <p><b><u>Protection Level</u></b> <b>Box: According to IP-50 DIN 40050</b> <b>Terminals: According to IP-10 DIN 40050</b></p> <p><b>Mounting: Standard 35mm DIN rail</b> <b>Notes:</b> Because these sensors tie directly into the line, they should be used only by qualified personnel.</p>
Brand	Onset HOBO
Typical applications	Energy
Measurements	Voltage AC
Compatible With	HOBO MX1100 series, UX120-006M, U12 series, ZW series