



# 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:</b> 0-150 (T-CON-ACT-150) or 0-300 (T-CON-ACT-300) volts RMS <b>Sensor accuracy:</b> &lt; ±0.1% of span (20% to 120% of range) ±0.25% of span (10% of range) <b>Over range:</b> +20% of span <b>Over load:</b> +40% of span <b>Frequency:</b> 60 Hz AC <b>Supply:</b> Self-powered <b>Output:</b> 0–20 mA <b>Response time to 90%:</b> &lt;240 msec <b>Operating conditions:</b> -20° to 70°C (-4° to 158°F); 5-95% RH, non-condensing <b>Housing:</b> Plastic polycarbonate</p> <p><b>Protection Level</b> <b>Box:</b> According to IP-50 DIN 40050 <b>Terminals:</b> According to IP-10 DIN 40050</p> <p><b>Mounting:</b> Standard 35mm DIN rail <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