

T-CON-ACT-150 • T-CON-ACT-300



ConLab Volt AC Transmitter Sensor

A self-powered transformer for monitoring sine wave and single-phase AC voltage; compatible with HOBO MX1100, UX120-006M, ZW series, and U series data loggers.

Important Information

Refer to data logger product pages to ensure you have the proper interfaces (modules, adapter, etc.) to deploy this sensor.

Supported Measurements

AC Voltage

Features

- Available in 2 ranges: 0 to 150 & 0 to 300 Volts AC
- Requires an input cable (part # CABLE-4-20mA)

Contact Us

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

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

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

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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ConLab Volt AC Transmitter Sensor (T-CON-ACT-xxx) Specifications

Ranges: 0-150 and 0-300 volts RMS

Sensor accuracy: $< \pm 0.1\%$ of span (20% to 120% of range) $\pm 0.25\%$ of span (10% of range)

Over range: +20% of span

Over load: +40% of span

Frequency: 60 Hz AC

Supply: Self-powered

Output: 0–20 mA

Response time to 90%: <240 msec

Operating conditions: -20° to 70°C (-4° to 158°F); 5-95% RH, non-condensing

Housing: Plastic polycarbonate

Protection Level

Box: According to IP-50 DIN 40050

Terminals: According to IP-10 DIN 40050

Mounting: Standard 35mm DIN rail

Notes: Because these sensors tie directly into the line, they should be used only by qualified personnel.

Requirements

For U12 & H8 Loggers: Input Cable (Part # CABLE-4-20mA)

For HOBO Energy Logger: FlexSmart Analog Module (Part # S-FS-CVIA)