



## HOBO<sup>®</sup> T-VER-971BP-200 Sensor

### Split-Core Bi-Polar DC Transducer Sensor

Split-Core Bi-Polar DC Transducer sensor that measures up to 200 amps of DC current in both flow directions.

Requirements for use with specific data loggers:

HOBO MX1100 series: a 4-20mA input cable (SD-MA-420) and external power provided by an AC adapter (AC-SENS-1)  
HOBO U12, UX120-006M, or ZW series: a 4-20mA input cable (CABLE-4-20mA) and external power provided by an AC adapter (AC-SENS-1)  
HOBO RX3000: an analog input module (RXMOD-A1)  
HOBO U30: an analog input module (VIA)  
HOBO H22: an analog input module (S-FS-CVIA)



#### Key Advantages:

- Measures current flow in both directions which is especially beneficial for Solar PV applications.
- Adjustable span range
- Small size, split-core for ease of installation

## HOBO T-VER-971BP-200 Sensor Specifications

### DC Amperage (bi-polar)

**Measurement range:** +/- 2 to +/- 200 (via span adjust)

**Accuracy (below 100A span):** +/- .5 A

**Accuracy (above 100A span):** +/- .5% full scale

**Sensor supply:** 12 - 24 DC (15 VDC min. for currents > 120 A), 35 mA no-load to 110 mA at 200 A current

**Isolation:** 600 VAC rms

**Operating temperature range:** -30 to 60C (-22 to 140F)

**Humidity range:** 10 - 90% non-condensing

**Response time:** 2 sec.

**Output:** (bi-polar) 4 - 20mA

**Dimensions:** 3.1x2.8x1.4 in. (79x70x36 mm)

**Weight:** 5.25 oz.

**Sensor opening:** 1.1x.9 in. (28x23 mm)

**LED indications:** single green blink=Norm, double green=Over Span, red+green=Over Limit, solid red=overload

**CE, UL**