



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.

Requires analog port selection during U30 system configuration and use of a S-FS-CVIA when using the H22-001 data logger. When using a U12 data logger, this sensor requires a 4-20mA input cable (CABLE-4-20mA) and external power provided by an AC adapter (AC-SENS-1). When configuring this with an RX3000 system, it requires a analog module (RXMOD-A1).

Note: For measurements larger than 120A the device must be powered by a minimum of 15V to maintain expected accuracy.

[View Veris manual for T-VER-971BP-200](#)

Supported Measurements:

DC Current

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



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