



Split-Core Bi-Polar DC Transducer - T-VER-971BP-200

Features

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

Details

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 logger.

When using a U12 logger, this sensor requires a 4-20mA input cable (CABLE-4-20mA) and external power provided by an AC adapter (AC-SENS-1).

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

Environment:

The T-VER-971BP-200 Sensor is for use in Indoor environments

Measurements:

The T-VER-971BP-200 Sensor supports the following measurements :

DC Current



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

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