

Datasheet

DC-Powered Interface for VE Sensors

The VESIM-PT sensor interface module is a passive DIN-rail-mount or wall-mount module. It enables remote external trigger capability.

Models

Models	Trigger	Connections	
VESIM-PT	Current Sourcing (PNP)	Two 13-pin Terminals	

Features



- 1. Terminal Block
- 2. Power LED (Green: Power on)
- 3. External Trigger Button
- 4. Terminal Block

Terminal Block Wiring Table

Table 1: Power and I/O Pinouts

Wire Color	Description	Direction
White	Discrete I/O #3	Input/Output
Brown	12 V dc to 30 V dc	Input
Green	I/O output common	-
Yellow	RS-232 transmit	Output
Gray	Discrete I/O #5	Input/Output
Pink	Trigger input	Input
Blue	Common (signal ground)	Input
Red	Discrete I/O #2	Input/Output
Orange	I/O input common	-
Light Blue	Discrete I/O #4	Input/Output
Black	Discrete I/O #1	Input/Output
Violet	RS-232 receive	Input
Bare metal	Chassis ground	-



Original Document 193821 Rev. B

Install the Interface Module

For mounting to a flat surface:

- 1. Unscrew one of the end caps.
- 2. Slide the DIN clips off of the housing.
- 3. Replace the end cap.
- 4. Position the interface module in the desired location.
- 5. Insert and tighten screws through the end caps to secure the interface module in position.

Specifications



NOTE: See the VE Sensor specifications for sensor data, available at www.bannerengineering.com.

Input Supply Voltage 12 to 30 V dc

Adjustments

External PNP Trigger button

Construction

PCB circuit board; plastic housing, end caps, and DIN rail mounting hardware

Environmental Rating IEC IP00 NEMA 1 Connections

Terminal Strip: Accepts 12 to 24 gauge wire

Operating Conditions

Temperature: 0 °C to +50 °C (+32 °F to +122 °F)

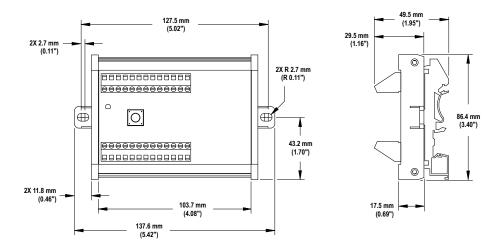
Humidity: 90% maximum relative humidity (non-condensing)

Weight

Approximately 135 grams (0.3 lb)

Dimensions

All measurements are listed in millimeters [inches], unless noted otherwise.



Banner Engineering Corp. Limited Warranty

Banner Engineering Corp. warrants its products to be free from defects in material and workmanship for one year following the date of shipment. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture which, at the time it is returned to the factory, is found to have been defective during the warranty period. This warranty does not cover damage or liability for misuse, abuse, or the improper application or installation of the Banner product.

THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), AND WHETHER ARISING UNDER COURSE OF PERFORMANCE, COURSE OF DEALING OR TRADE USAGE.

This Warranty is exclusive and limited to repair or, at the discretion of Banner Engineering Corp., replacement. IN NO EVENT SHALL BANNER ENGINEERING CORP. BE LIABLE TO BUYER OR ANY OTHER PERSON OR ENTITY FOR ANY EXTRA COSTS, EXPENSES, LOSSES, LOSS OF PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM ANY PRODUCT DEFECT OR FROM THE USE OR INABILITY TO USE THE PRODUCT, WHETHER ARISING IN CONTRACT OR WARRANTY, STATUTE, TORT, STRICT LIABILITY, NEGLIGENCE, OR OTHERWISE.

Banner Engineering Corp. reserves the right to change, modify or improve the design of the product without assuming any obligations or liabilities relating to any product previously manufactured by Banner Engineering Corp.

