VESIM-PT Sensor Interface Module

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	-

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ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

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

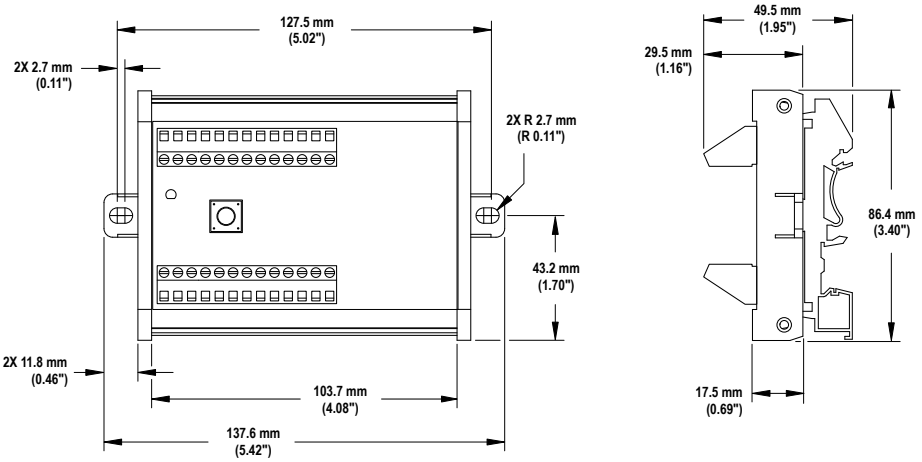
Connections
Terminal Strip: Accepts 12 to 24 gauge wire

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.



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