Model SRIMV

Velocity Monitor

Setra's SRIMV is a multi-function non-BACnet device designed to monitor velocity while also giving the user the option to measure and display flow, differential pressure, temperature and humidity. The SRIMV offers three velocity ranges as well as three pressure ranges, giving the user the option to choose the appropriate range for their application. The SRIMV has a 3-color backlit display for easy menu navigation and audible/visual alarm capability for velocity, flow, pressure, temperature, humidity and door input. The velocity and flow measurements are based on differential pressure and require the use of a single point Pitot tube or averaging probe.

Simplify Your Velocity Measurement

The SRIMV offers velocity ranges of 2000 ft/min, 4000 ft/min and 8000 ft/min as well as three meter ranges of 0-10, 0-20 and 0-40 m/s. The SRIMV automatically calculates the velocity and volumetric flow rates based on differential pressure, eliminating the need for a manual square root calculation. Air density correction can be set as a STD condition or use as a external temperature sensor input.

Alarm Everything You Monitor

The SRIMV provides audible and visual alarming for velocity, flow, pressure, temperature and humidity to give you peace of mind in your critical environment. High and low alarm set-points for each parameter are easily configurable through a four-button membrane keypad. A digital input is also provided to show door status.

Three Color Easy-to-See Status Screen

The SRIMV utilizes a three-color backlit screen which allows the end user to easily view the status of the monitored space with green (normal), yellow (warning) and red (alarm) status screens. Alarms can be configured to be delayed to ensure that each SRIMV is configured to the specific needs of the end user.

Save Time and Money on Calibration

With requirements in place to calibrate pressure sensors anywhere from 1-3 times annually, the Setra SRIMV offers a solution to help you save on calibration time. The SRIMV allows the end user to remove the sensor without detaching any wiring or plumbing, attach to the Setra calibration fixture and complete the calibration in minutes.

- **Maximize Patient Safety**
- **Alarm on 5 Parameters**
- **Save on Calibration & Installation**

Model SRIMV Features:

- 3-Color LCD Display for Easy Setup and Room Display
- On-board Sensor - Industry Best Accuracy
- Analog Inputs for External Temp & Humidity Sensors
- Analog Outputs 4-20 mA, 0-5 and 0-10 VDC Field Selectable
- Monitor & Alarm Velocity, Flow, Pressure, Temp & RH
- Configurable Audible & Visual Alarms
- Adjustable Filtering to Reduce Noisy Pressure and Velocity Inputs
- Flush Mount and Surface Mount Available
- Removable Faceplate for No Hassle Calibration

Applications:

- Air Velocity
- Volumetric Airflow
- Differential Pressure
- Isolation Rooms

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Model SRIM2

Room Isolation Monitor

The SRIM2 is Setra's highest performance non-BACnet product measuring low differential pressure in critical applications. The SRIM2, built on the foundation of the SRIM1, is an ideal solution for anyone who requires cost-effective local monitoring and alarming of multiple parameters, but does not require BACnet protocol. The SRIM2 has a 3-color backlit display, for easy menu navigation and visual/audible alarm setup for pressure, temperature, humidity and door input.

Why Use Anything But the Best?

In the most critical of environments where contamination can result in financial loss and even the loss of life, it is no secret why Setra differential pressure sensors are the most trusted in the industry. Setra's capacitive stainless steel design offers the most stable very low differential pressure sensor for building automation systems.

Alarm Everything That You Monitor

The SRIM2 provides audible and visual alarming for pressure, temperature and humidity to give you peace of mind in your critical environment. High and low alarm set-points for each parameter are easily configurable through a four-button membrane keypad. A digital input is also provided to show door status.

Three Color Easy-to-See Status Screen

The SRIM2's three-color backlit screen allows the end user to easily view the status of the monitored space with green (normal), yellow (warning) and red (alarm) status screens. Alarms can be configured to be delayed to ensure that each SRIM2 is configured to the specific needs of the end user.

Save Time and Money on Calibration

With requirements to calibrate pressure sensors anywhere from 1-3 times annually, the Setra SRIM2 offers a solution to help you save on calibration time. The SRIM2 allows the end user to remove the sensor without detaching any wiring or plumbing, saving time and money by completing the calibration in minutes.

- **Maximize Patient Safety**
- **Alarm on 4 Parameters**
- **Save on Calibration & Installation**

Model SRIM2 Features:

- Dead-ended On-board Sensor - Industry Best Accuracy
- 3-Color LCD Display for Easy Setup and Room Display
- Monitor & Alarm Pressure, Temp, RH and Door (Digital)
- Configurable Audible & Visual Alarms
- Flush Mount (51mm wall depth) and Surface Mount Available
- Removable Faceplate for No Hassle Calibration

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