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 in place 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, attach to the Setra calibration fixture and complete the calibration in minutes.

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

Model SRIM2 Features:
- On-board Sensor - Industry Best Accuracy
- 2-Color LCD Display for Easy Setup and Room Display
- Monitor & Alarm Pressure, Temp, RH and Door (Digital)
- Configurable Audible & Visual Alarms to Avoid Nuisance
- Flush Mount (51mm) and Surface Mount Available
- Removable Faceplate for No Hassle Calibration
**Model SRIM2**

**Room Isolation Monitor**

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Pressure Ranges</th>
<th>Type**</th>
<th>Output**</th>
<th>Mounting/Logo</th>
<th>Accuracy</th>
<th>Pressure Snubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRIM2</td>
<td>(&quot;W.C.) (Pascals)</td>
<td>D</td>
<td>4 to 20mA</td>
<td>Unidirectional</td>
<td>C</td>
<td>1.0% FS</td>
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<tr>
<td>R05W*</td>
<td>0 to 0.05 ±0.05</td>
<td>0 to 12.5 ±12.5</td>
<td>2DUN</td>
<td>0 to 5 VDC</td>
<td>F</td>
<td>0.25% FS w/ cal. cert</td>
</tr>
<tr>
<td>R1W0</td>
<td>0 to 0.1 ±0.1</td>
<td>0 to 25 ±25</td>
<td>2B</td>
<td>0 to 5 VDC</td>
<td>F</td>
<td>0.25% FS w/ cal. cert</td>
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<tr>
<td>R2SW</td>
<td>0 to 0.25 ±0.25</td>
<td>0 to 50 ±50</td>
<td>2C</td>
<td>0 to 10 VDC</td>
<td>F</td>
<td>0.25% FS w/ cal. cert</td>
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<tr>
<td>R5W0</td>
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<td>0 to 100 ±100</td>
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<tr>
<td>1W0</td>
<td>0 to 1.0 ±1.0</td>
<td>0 to 250 ±250</td>
<td>2DUN</td>
<td>0 to 5 VDC</td>
<td>F</td>
<td>0.25% FS w/ cal. cert</td>
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<tr>
<td>2SW</td>
<td>0 to 2.5 ±2.5</td>
<td>0 to 500 ±500</td>
<td>2DUN</td>
<td>0 to 5 VDC</td>
<td>F</td>
<td>0.25% FS w/ cal. cert</td>
</tr>
<tr>
<td>5W0</td>
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<td>0 to 1000 ±1000</td>
<td>2DUN</td>
<td>0 to 5 VDC</td>
<td>F</td>
<td>0.25% FS w/ cal. cert</td>
</tr>
<tr>
<td>10 CL</td>
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<td>0 to 5 VDC</td>
<td>F</td>
<td>0.25% FS w/ cal. cert</td>
<td></td>
</tr>
</tbody>
</table>

*available in unidirectional only
**Field Configurable but can be factory configured for cal cert.

Example: Part No. SRIM2R05WD11WLC1 = Model SRIM2, 0 to 0.05 in. W.C. Pressure Range, Unidirectional, 4 to 20 mA Output, Wall Mount with Logo, ±1.0% FS Accuracy, 1 Snubber

### DIMENSIONS

![Diagram of Model SRIM2 dimensions](image)

### GENERAL SPECIFICATIONS

#### Performance Data

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>F</td>
<td>Code</td>
<td>C/G</td>
</tr>
<tr>
<td>F</td>
<td>±0.25% FS</td>
<td>±1.0% FS</td>
</tr>
<tr>
<td>H</td>
<td>±0.5% FS</td>
<td>±1.0% FS</td>
</tr>
<tr>
<td>C/G</td>
<td>±1.0% FS</td>
<td>±1.0% FS</td>
</tr>
</tbody>
</table>

#### Environmental Data

- Operating Temp. 3 °F (°C): 22 to +140 (-6 to +60)
- Power Consumption: 4 W. MAX (24 VDC) 8 W. MAX (25 VAC)

#### Electrical Data

- Circuit: 3-Wire (Exc, Out, Com)
- Output: 0 to 5 VDC, 0 to 10 VDC, 4 to 20 mA
- Power: 18 to 30 VDC or 24 VAC ±10%

#### Thermal Effects

- Compensated Range °F/°C: 40 to 120 (4.5 to 50)
- Overpressure: Up to 10 PSI

#### Pressure Media

- Air or non-conductive, non-explosive gases

#### Certifications

- CE: EN61326-1 & EN61326-2-3 BASIC Immunity & Class B Emission
- RoHS

Specifications subject to change.

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