Model 267MR
Multi-Range Low Differential Pressure Transducer

Setra's Model 267MR is a highly configurable multi-range low differential pressure transducer. It offers multi-range capability with 6 field selectable ranges and 2 field selectable outputs that are easily configured by flipping a Dip Switch. The 267MR is housed in a NEMA 4 rated enclosure with an optional static pressure probe reducing installation and material costs. It delivers ±1% FS accuracy with pressure ranges from 0.1" W.C. up to 100" W.C.

All Inclusive Field Selectable Design
The 267MR is the ideal product for any contractor to stock in their truck; combining the flexibility of a multi-range with the performance of a single-range transducer to ensure the installer has the right solution for any job.

A Robust Enclosure for Difficult Applications
The 267MR is housed in a NEMA 4 rated enclosure and is built to withstand harsh environments. The 267MR is available in both wall and duct mount providing the installer with flexible mounting options. The wall mount allows the sensor to be installed anywhere, whereas the duct probe configuration is designed to maximize space efficiency in difficult applications.

The Setra Sensor
The core technology of the 267MR is the all stainless steel capacitive sensing element. Setra designs and manufactures all of their sensing elements resulting in full control over the process and quality of every single sensor. The welded dead-ended capacitive sensors require minimal amplification and delivers excellent accuracy and longterm stability. Setra's technology has been used in over 8 million installations and has the highest field acceptance rate in the industry.

Model 267MR Features:

- 6 Field Selectable Ranges
- 2 Field Selectable Outputs
- NEMA 4 Rated Housing
- PG-9, PG-13 or Conduit Electrical Termination
- Optional Static Pressure Probe
- 24 VAC or 24 VDC Excitation
- CE & RoHS Compliant

Applications:

- HVAC Systems
- Energy Management Systems
- Static Duct Pressure
- Cleanroom Pressure
Model 267MR
Multi-Range Low Differential Pressure Transducer

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Output</th>
<th>Pressure Fitting/Elec. Termination</th>
<th>Accuracy</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>2671</td>
<td>0 to 0.1&quot;WC.</td>
<td>11</td>
<td>3/16&quot; Barbed Brass Fitting</td>
<td>±1% FS</td>
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<tr>
<td>MR1WD</td>
<td>0 to 1/2&quot;WC.</td>
<td>10</td>
<td>1/4&quot; NPTF Brass Fitting</td>
<td>±2.5% FS</td>
<td>C</td>
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<td>MR2WD</td>
<td>0 to 1&quot;WC.</td>
<td>12</td>
<td>1/2&quot; Conduit Opening</td>
<td>±50 Pa</td>
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<td>MR3WD</td>
<td>0 to 1.25&quot;WC.</td>
<td>14</td>
<td>3/8&quot; Conduit Opening</td>
<td>±125 Pa</td>
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<tr>
<td>MR4WD</td>
<td>0 to 7.5&quot;WC.</td>
<td>16</td>
<td>1&quot; Conduit Opening</td>
<td>±937 Pa</td>
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<tr>
<td>MR5LD</td>
<td>0 to 25 Pa</td>
<td>18</td>
<td>1/2&quot; Conduit Opening</td>
<td>±12.5 Pa</td>
<td>G</td>
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<tr>
<td>MR6LD</td>
<td>0 to 625 Pa</td>
<td>20</td>
<td>1/2&quot; Conduit Opening</td>
<td>±312 Pa</td>
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<td>MR7LD</td>
<td>0 to 250 Pa</td>
<td>22</td>
<td>1/2&quot; Conduit Opening</td>
<td>±125 Pa</td>
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<tr>
<td>MR8LD</td>
<td>0 to 625 Pa</td>
<td>24</td>
<td>1/2&quot; Conduit Opening</td>
<td>±312 Pa</td>
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<tr>
<td>MR9LD</td>
<td>0 to 2500 Pa</td>
<td>26</td>
<td>1/2&quot; Conduit Opening</td>
<td>±1250 Pa</td>
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</tbody>
</table>

Ordering Example: Part No. 2671MR1WD11G1CN = 267MR Transducer, ±0.05 in. WC, Differential, 4-20 mA Output, 3/16" Barbed Brass Fitting, PG-13.5 Strain Relief Electrical Termination, 1% Accuracy with No Display

GENERAL SPECIFICATIONS

Performance Data

- Standard: ±1.0% FS
- Optional: ±0.5% FS

Physical Description

- Case: IP65/NEMA 4 Plastic Glass-Filled Polycarbonate UL94V-O Case
- Electrical Connection: Screw Terminal Strip Inside of Case
- Non-Linearity, BFSL: ±0.98% FS
- Hysteresis: ±0.10% FS
- Non-Repeatability: ±0.5% FS

Environmental Data

- Operating Temperature: 0 to +150°F (-18 to +65°C)
- Storage Temperature: -45 to +180°F (-54 to +82°C)

Electrical Data (Current)

- Circuit: 2-Wire, Protected from Miswiring
- Output: 4 to 20 mA

Electrical Data (Voltage)

- Circuit: 3-Wire (Exc, Gnd, Sig), Protected from Miswiring
- Output (Field Selectable): 0 to 10 VDC
- Bidirectional Output at Zero: ±50 mV
- Mid-Range of Specified: ±50 mV
- Output Impedance: 100 ohms
- Re-Ranging: 5 Position Dip Switches (Located Inside Case)

DIMENSIONS

- Dimensions in millimeters
- Diagram showing transducer dimensions and electrical connections

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