New CO₂ Sensor Now Available for Ventis® Pro

Industrial Scientific is pleased to announce the availability an infrared carbon dioxide (CO₂) sensor for the Ventis® Pro. While the infrared carbon dioxide/combustible (CO₂/LEL IR) and carbon dioxide/methane (CO₂/CH₄ IR) combination sensors will continue to be available, the new CO₂ IR sensor is ideal for applications that require carbon dioxide monitoring without the need for an LEL combustible sensor.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Range (% vol)</th>
<th>Resolution (% vol)</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>17155304-Q</td>
<td>Sensor, Ventis Pro, carbon dioxide (CO₂)</td>
<td>0-5</td>
<td>0.01</td>
<td>$617</td>
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</tbody>
</table>

Due to the power consumption of the CO₂ IR sensor, a slim-extended or extended battery must be used when paired with a catalytic bead LEL combustible sensor. If no catalytic bead LEL sensor is used with the CO₂ IR sensor, the standard battery can be used.

To prevent damaging high power sensors, the Ventis Pro is designed to remove power from the high power slots in the case of a failure or over-range condition. Due to this feature the CO₂ sensor will not display its standard readouts in the event of a catalytic bead LEL failure or over-range. Instead, it will show a dash letting you know that it is not in a usable state. Once the failure or over-range is resolved on the LEL catalytic bead sensor the CO₂ will return to its standard operating condition and can once again be used.

Please note that a Ventis Pro can be configured with an O₂ and CO₂ sensor, or a catalytic bead LEL and CO₂ sensor, but **cannot be configured as a standard 4 gas plus CO₂ with a catalytic bead LEL sensor** (O₂, LEL, CO, H₂S, CO₂). Some common configurations may be:

- **VP4-Q0001101101** – Ventis Pro 4, CO₂, Lithium ion battery, Diffusion, Safety Orange
- **VP4-Q1032110101** – Ventis Pro 4, CO₂, CO, O₂, Extended Range Battery, Integral Pump, Black
- **VP5-QJ534101101** – Ventis Pro 5, CO₂, CO/H₂S, SO₂, O₂, Slim-extended Battery, Diffusion, Safety Orange
- **VP5-Q4532110101** – Ventis Pro 5, CO₂, NO₂, SO₂, O₂, Extended range battery, Integral pump, Black
For additional information on the new CO₂ IR sensor for Ventis Pro, or to build your Ventis Pro with the new CO₂ IR sensor, access the Online Instrument Builder at http://www.indsci.com/products/multi-gas-detectors/ventis-pro/ or contact your local Industrial Scientific representative. Contact information can be found at www.indsci.com/offices.

Sincerely,

Ryan Thompson
Associate Product Manager