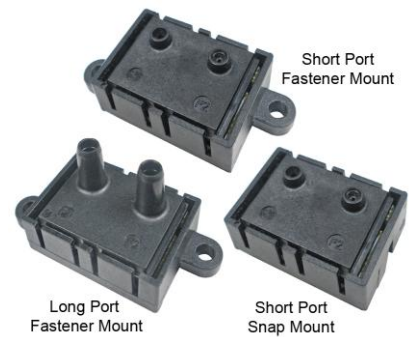


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## **HONEYWELL ADDS NEW FLOW RANGES TO ZEPHYR™ AIRFLOW SENSOR PORTFOLIO TO OPTIMIZE SYSTEM PERFORMANCE IN MEDICAL, INDUSTRIAL APPLICATIONS**

*High Sensitivity at Very Low Flows Allow Detection of the Low Pressure Drops that Often Occur in Medical Applications*

MINNEAPOLIS, February 13, 2012 – [Honeywell](#) (NYSE: HON) announced today that it has added new flow ranges to its Zephyr™ Analog and Digital Airflow Sensor portfolio to provide high sensitivity at very low flows – making the sensor portfolio ideal for use in a variety of medical equipment and industrial applications.

Honeywell has added four standard flow ranges between  $\pm 50$  SCCM and  $\pm 750$  SCCM to its existing flow range of  $\pm 200$  SCCM. In addition to the flow ranges, a new port/housing style, the short port fastener mount, has also been added to the portfolio. The extended flow ranges give the Honeywell Zephyr™ the ability to detect low-pressure drops that often occur in medical applications and which can impact patient comfort, and can reduce noise and system wear on components, such as motors and pumps. In industrial applications, lower flow range detection can optimize performance in gas leak detection and clogged HVAC air filter detection.

“With the addition of the new airflow ranges, Honeywell provides its customers with more options to integrate the sensor into their application,” said AJ Smith, director of global product marketing for Honeywell Sensing and Control. “Customers will also benefit from the portfolio’s industry-leading accuracy and the ability to customize the sensor to meet their specific application needs.”

Customers who have already designed a bypass that extends the flow range above the normal range of the existing airflow sensor can now use the Honeywell Zephyr™ airflow sensor to optimize overall performance and reduce manufacturing costs.

Additional industry-leading features of the Honeywell Zephyr™ airflow portfolio include:

- Total Error Band as low as  $\pm 2.25$  %FSS (full scale span) allow for very accurate airflow measurement
- Stability reduces errors due to thermal effects and null shift, providing accurate readings over time and often eliminating system calibration after PC board mount
- Linear output provides a more intuitive signal than the raw output of basic airflow sensors, helping to reduce production costs and design and implementation time
- Low pressure drop typically improves patient comfort in medical applications, and reduces noise and system wear on other components such as motors and pumps

Potential applications for the Honeywell Zephyr™ airflow sensors include:

- Medical: anesthesia, hospital diagnostics (spectrometry/gas chromatography), nebulizers, oxygen concentrators, patient monitoring, sleep apnea, spirometers, ventilators, and ventricular assist devices
- Industrial: air-to-fuel ratio, analytical instrumentation (spectrometry, chromatography), fuel cells, gas leak detection, gas meters, HVAC filters, VAV system on HVAC systems, and meteorology

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This release contains "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934. All statements, other than statements of fact, that address activities, events or developments that we or our management intend, expect, project, believe or anticipate will or may occur in the future are forward-looking statements. Forward-looking statements are based on management's assumptions and assessments in light of past experience and trends, current conditions, expected future developments and other relevant factors. They are not guarantees of future performance, and actual results, developments and business decisions may differ from those envisaged by our forward-looking statements. Our forward-looking statements are also subject to risks and uncertainties, which can affect our performance in both the near- and long-term. We identify the principal risks and uncertainties that affect our performance in our Form 10-K and other filings with the Securities and Exchange Commission.

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