

## PRESS RELEASE

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### ***Superior Sensor Technology Delivers Optimal Performance for Dwyer's DP3 Wireless Differential Pressure Module***

#### ***HV210's Outstanding Signal-to-Noise Ratio and Multi-Range™ Functionality Uniquely Distinguishes the DP3 in the Market***

Santa Clara, CA, February 23, 2021 - Superior Sensor Technology today announced that Dwyer Instruments, Inc. is using the [HV210 pressure sensor](#) in its [Series DP3 Wireless Differential Pressure Module](#) for measuring air flow and velocity in HVAC equipment. With the industry's lowest noise floor, best Total Error Band (TEB) and dual die implementation, the HV210 has been optimized for extremely low pressure HVAC applications. In addition, with support of Superior Sensor's advanced [Multi-Range™](#) technology, the HV210 is configurable to seamlessly work with seven different pressure ranges from 0.1" H<sub>2</sub>O to 10" H<sub>2</sub>O with an industry leading accuracy within 0.10% on each selected range. This capability in the HV210 enables the Series DP3 Wireless Differential Pressure Module to support ultra-low pressures, auto-ranging with optimal performance down to 0.1" H<sub>2</sub>O.

"At low air flows, what is most critical is minimizing the impact of noise," said Robert Moss, Director of Engineering and New Product Development at Dwyer Instruments. "The HV210 is an amazing sensor that provides a 10X improvement in Signal-to-Noise (SNR) relative to competing offerings and enables the DP3 to support seven pressure ranges without degradation in performance."

The HV210 is based on the company's proprietary [NimbleSense™](#) architecture, which is the first intelligent system-in-a-sensor that offers manufacturers a high-performance, configurable, flexible sensor solution. Using the Multi-Range Technology, the HV210 supports seven pressures within one sensor, 25 Pa/0.1" H<sub>2</sub>O, 62.5 Pa/0.25" H<sub>2</sub>O, 125 Pa/0.5" H<sub>2</sub>O, 250 Pa/1" H<sub>2</sub>O, 625 Pa/2.5" H<sub>2</sub>O, 1250 Pa/5" H<sub>2</sub>O and 2500 Pa/10" H<sub>2</sub>O, with an industry leading accuracy within 0.10% and TEB of <0.15% on each selected pressure. The dual dies in the HV210 enables it to maintain the highest levels of accuracy and performance regardless of product movement or orientation. This is a key benefit for handheld devices such as the DP3 offered by Dwyer.

**Superior Sensor Technology** was established with the objective to revolutionize the high performance, cost driven pressure sensor market by developing integrative, highly intelligent solutions for industrial, HVAC and medical applications. The company's technology is based on a breakthrough system-in-a-sensor, proprietary architecture, called NimbleSense™, which significantly improves overall sensor performance while adding exclusive application specific system features. Superior Sensor Technology was founded in 2016 and is based in Santa Clara, CA.

Website: [SuperiorSensors.com](http://SuperiorSensors.com)

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