PRESS RELEASE

Superior Sensor Technology
3080 Oakmead Village Drive
Santa Clara, CA 95051

Superior Sensor Technology Launches the Most Advanced Differential Pressure Sensors for Industrial Applications

Breakthrough System-in-a-Sensor Supports Wide Range of Pressures with Unmatched Accuracy, Reliability and Feature Flexibility

Santa Clara, CA, January 26, 2021 - ***Superior Sensor Technology*** today announced the industry's first differential pressure sensors for industrial applications that support up to seven selectable pressure ranges in one device. Designed for a wide range of applications, the company's new ***ND Series*** sensors support pressure ranges as low as 62.5 Pa/0.25" H_2O to as high as 345 mBar/5 psi with an accuracy within 0.05% and Total Error Band (TEB) of less than 0.15% FSS. This advanced capability coupled with the ND Series' digital filtering and 50/60Hz notch filter offers industrial equipment manufacturers a single sensor solution that supports all their differential pressure requirements, which will simplify product designs, accelerate time to market and reduce sensor inventory costs by up to a factor of seven.

The ND Series builds upon the company's proprietary ***NimbleSense***™ architecture, which is an intelligent ***system-in-a-sensor*** that offers manufacturers for the first time a high-performance, programmable, flexible sensor solution. A key building block component in the NimbleSense architecture is the proprietary ***Multi-Range***™ technology and its ability to support multiple pressure ranges on one device with industry leading accuracy on each selected range. This enables industrial manufacturers to introduce multiple product variants with different pressure requirements utilizing one ND Series sensor, resulting in significant resource, time and cost savings.

"Similar to what we have achieved with HVAC and medical applications, we are now setting a new performance standard for differential pressure sensors in the industrial product market," said Jim Finch, CEO and Co-Founder, Superior Sensor Technology. "Our NimbleSense architecture enables us to deliver sensors with a variety of innovative features and the broadest dynamic range capability in one device from very low to medium pressure ranges, ultimately

providing our customers the most cost-effective, highest performing, flexible design options for their next-generation products."

The ND Series is ideal for measuring dry air and non-aggressive gas pressure with very high accuracy and a stable zero point. Numerous industrial applications will benefit from the ND Series Sensors, including:

- **Manufacturing Applications:** 3D printing, air quality testing, automated safety systems, chemical monitoring, leak testing, nuclear power monitoring, pneumatic system monitoring and water quality testing.
- **Research & Development Applications:** air pressure monitoring, calibration of devices, clean room access, data acquisition, environmental chambers, lab equipment, large format printers and particle counting.
- **Commercial Applications:** Auto smog testing, aviation instrumentation, cabin pressure monitoring, commercial space rockets, DHS air quality, hospital room monitoring, radon remediation and UAV/UAS Drones.

Superior Sensor Technology is offering five products with various pressure range capabilities in its initial ND Series product offering. The sensors and evaluation boards are available in production volumes and can be purchased through Digi-Key Electronics and Mouser Electronics. Unit pricing is based on shipment quantities.

Superior Sensor Technology:

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***

Public Relations Contact:
Catherine Batchelor
cbatchelor@superiorsensors.com
208-634-9472