

Press Release

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Sensirion Announces Its New Liquid Flow Sensor for Life Science and Analytical Instruments

Sensirion presents its latest liquid flow sensor, the SLF3S-1300F, at this year's MD&M West trade fair (Anaheim, United States) February 5 - 7. By combining Sensirion's excellent 20-year track record in low and lowest flow rate sensing with a radically optimized mechanical design, the SLF3S-1300F takes well-established functionality to the next level in price-performance ratio. The sensor provides maximum safety, stability and long-term reliability for a wide range of applications, including the fields of diagnostics, analytical instruments and life sciences.



The SLF3S-1300F liquid flow sensor is based on Sensirion's proven CMOSens® Technology and optimizes costs by simplifying the design without sacrificing the easy, fluidic, electrical and mechanical connections. The straight and unobstructed flow channel has no moving parts; inert wetted materials provide outstanding chemical resistance and excellent media compatibility. In measuring flow rates up to 40 ml/min bi-directionality, the sensor can monitor the entire system operation and detect common failure modes.

The SLF3S-1300F enables applications in the fields of diagnostics, analytical instruments and life sciences to reach unparalleled fluid control and system reliability, reaching new heights in performance and end-user satisfaction. Its compact form factor and cost-effective design permit previously unfeasible system designs with one or more sensors.

Samples of the SLF3S-1300F liquid flow sensor are available now for testing. Commercial release of the sensor is planned for 2019. Please contact Sensirion for further information at info-us@sensirion.com.

Discover the SLF3S-1300F liquid flow sensor at this year's MD&M West in Anaheim (Booth 1556) from February 5 – 7, 2019. For more information, visit www.sensirion.com/slf3x.

About Sensirion – Experts for Environmental and Flow Sensor Solutions

Sensirion AG, headquartered in Staefa, Switzerland, is a leading manufacturer of digital microsensors and systems. The product range includes gas and liquid flow sensors, differential pressure sensors and environmental sensors for the measurement of humidity and temperature, volatile organic compounds (VOC), carbon dioxide (CO₂) and particulate matter (PM_{2.5}). An international network with sales offices in the US, Europe, China, Taiwan, Japan and Korea supplies international customers with standard and custom sensor system solutions for a vast range of applications. Sensirion sensors can commonly be found in the medical, industrial and automotive sectors, analytical instruments, consumer goods and HVAC products.

One of the hallmark features of Sensirion's products is the use of its patented CMOSens® Technology, which permits intelligent system integration of the sensor element, logic, calibration data and a digital interface on a single chip. Sensirion's credentials as a reliable supplier are emphasized by its quality certification (ISO/IATF 16949) as well as its loyal and renowned customer base.

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