A radically optimized design allows the next level in price-performance ratio
Bidirectional flow sensing up to 40 ml/min with millisecond-fast response time
Excellent signal-to-noise ratio and unprecedented turndown ratio
Enables advanced failure detection in any liquid dispensing system

Made to Measure

SLF3x – The Next Level in Liquid Flow Sensing

www.sensirion.com/slf3x
FEATURES
- Highly integrated: linearized, temperature-compensated and fully calibrated digital output signal (I²C) from a single chip
- Calibrated for water and IPA up to ±40 ml/min
- Turndown ratio 200:1 or better
- High-speed measurement with millisecond-fast response times
- Advanced failure detection of occlusions and air-in-line
- Easy fluidic and electrical integration via 1/4"-28 flat-bottom ports and a standard electrical connector
- Straight, unobstructed flow channel without moving parts
- Media-isolated sensing principle: no direct sensor contact with the fluid
- Compact and light-weight form factor
- Chemically resistant wetted materials

APPLICATIONS
- Failure detection and volume confirmation for diagnostics, cell analysis, and analytical instruments
- Process control and monitoring for coating, additive, and reagent dispensing systems

TECHNOLOGY
- Using Sensirion’s proven CMOSens® Technology
- Mature technology in mass production
- High reliability and long-term stability

SENSOR EVALUATION
For quick and easy testing, a ready-to-use kit is available. Together with the provided software, it enables a plug and play connection of the sensor to a PC. The SLF3x evaluation kit can be ordered from our distributors.
www.sensirion.com/distributor-search

CONTACT OUR EXPERTS
The well-proven and patented CMOSens® Technology enables us to meet complex requirements with innovative sensor solutions. Our technology is perfectly suited for high-quality mass production and is the ideal choice for demanding and cost-sensitive OEM applications. Contact Sensirion’s liquid flow experts for more information.
www.sensirion.com/contact