

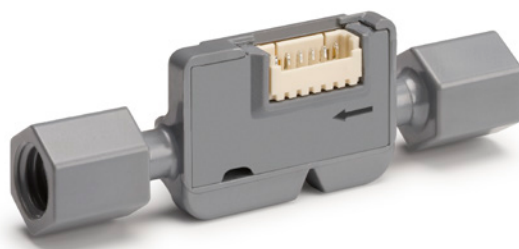


Made to Measure

SLF3x – The Next Level in Liquid Flow Sensing

- A radically optimized design allows the next level in price-performance ratio
- Bidirectional flow sensing from $\mu\text{l}/\text{min}$ up to 40 ml/min within milliseconds
- Excellent signal-to-noise ratio and unprecedented turndown ratio
- Enables advanced failure detection in any liquid dispensing system

SLF3x Liquid Flow Sensor



FEATURES

- Highly integrated: linearized, temperature-compensated and fully calibrated digital output signal (I²C) from a single chip
- SLF3x series is calibrated for water and IPA:
 - SLF3S-1300F up to ± 40 ml/min
 - SLF3S-0600F up to ± 2000 μ l/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