

SLF3S-1300F Liquid Flow Sensor – PROTOTYPE

- Low flow sensing up to 40 ml/min
- Calibrated and temperature compensated
- Turn down ratio 200:1 or better
- Very compact and light-weight form factor
- Response time below 20 ms



Product Summary

The SLF3S-1300F is Sensirion's new compact liquid flow sensor designed for high-volume applications. It enables precise and reliable measurements of dynamic liquid flow rates up to 40 ml/min bi-directionally. The SLF3S-1300F sensor features a digital interface (I²C) via a 6-pin standard electrical connector.

The SLF3S-1300F builds on the latest generation CMOSens® sensor chip that is at the heart of Sensirion's flow sensing platform and allows achieving an outstanding performance. The patented CMOSens® technology combines the sensor element, signal processing and digital calibration on a small CMOS chip. The well-proven CMOS technology is perfectly suited for high-quality mass production and is the ideal choice for demanding and cost-sensitive OEM applications.

The SLF3S-1300F sensor is still under development. Thus any specification is subject to change without prior notice (performance, communication, etc.).

Benefits of Sensirion's CMOSens® Technology

- High reliability and long-term stability
- Best signal to noise ratio
- Industry-proven technology with a track record of more than 15 years
- Designed for mass production and high process capability

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Preliminary Specification