SLQ-QT500 Liquid Flow Meter

High Purity Flow Meter for High Viscosity Applications

- Liquid flow rates up to 120 ml/min
- Dual calibration for IPA and H_2O
- Response time < 50 ms
- Straight flow channel, no moving parts
- For a wide range of viscosities
- Inert wetted materials (PFA, Quartz)

Product Summary

The SLQ-QT500 Liquid Flow Meter enables fast, non-invasive measurements of liquids for demanding high purity applications. Dual calibration (water, H_2O; and isopropyl alcohol, IPA) allows flow monitoring for water-based or hydrocarbon-based liquids. The straight wetted flow path has no moving parts and is only made of PFA and Quartz. Its excellent chemical compatibility makes the SLQ-QT500 the first choice, even for measuring aggressive chemicals. The flow meter's micro-thermal technology, in combination with the straight and obstacle-free flow path, makes it the ideal solution for high-viscosity liquids.

Interface Options

Digital

- I^2C-Bus
- RS485-Bus
- USB cable

Analog

- Voltage output (0-10 V)
- Current output (4-20 mA)
- Additional operation modes

For more information on communication, please refer to page 6 of this document.

Benefits of Sensirion's CMOSens® Technology

- High reliability and long-term stability
- Industry-proven technology with a track record of more than 10 years
- Designed for mass production
- Low signal noise

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