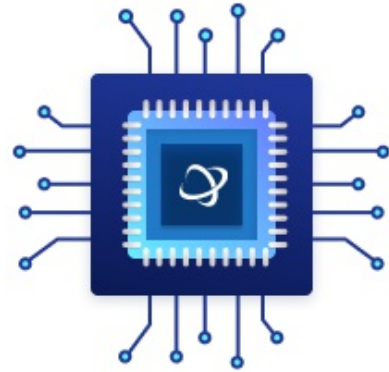


Gas or Liquid Flow Sensor Module with Calibration

Manufacturers	Renesas Technology Corp
Package/Case	
Product Type	Sensors, Transducers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for FS2012-1100-NG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The FS2012 is a high performance and fully calibrated mass flow rate module for non-corrosive gas or liquid flow. It features an accuracy error down to 2% of reading (typical).

The FS2012 comprises a MEMS flow sensor mounted on a circuit board with a flow housing and sensor signal conditioning components. It features a 6-pin standard header for both a fully calibrated analog and digital output (I²C).

The low power, high accuracy, and robustness make the FS2012 an excellent fit for applications such as process controls and monitoring, HVAC, air control systems, respiratory devices and liquid dispensing systems.

Features

Fully-calibrated output

Measures gas or liquid mediums

Robust solid isolation technology

No cavity in MEMS sensor to cause clogging

Resistant to vibration and pressure shock

Supply Voltage: 5V DC

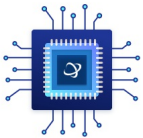
Fast response time

Operating temperature range: 0°C to +85°C

Analog Output: 0V to 5V

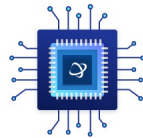
Digital Output: I²C

Related Products



[FS2012-1020-NG](#)

Renesas Technology Corp



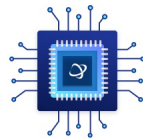
[FS1012-1100-NG](#)

Renesas Technology Corp



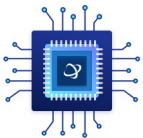
[ISL29035IROZ-T7](#)

Renesas Technology Corp
DFN-6



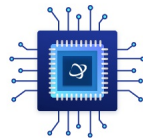
[ZMID5201AE1R](#)

Renesas Technology Corp



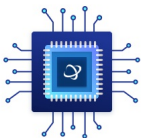
[HS3003](#)

Renesas Technology Corp



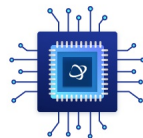
[ZMOD4410AI3V](#)

Renesas Technology Corp



[ZMOD4410AI1V](#)

Renesas Technology Corp



[ZMOD4410AI1R](#)

Renesas Technology Corp