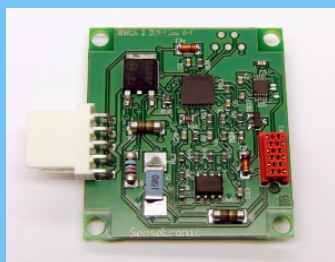


## Product Information

### OEM-Flow A-F

**Module for measurement of breathing gas flow with hot wire anemometer flow sensors.**



#### Order information

OEM-Flow A-F Module  
5 VDC

016-00017

OEM-Flow A-F Dev-Kit

016-00018

Sensatronic GmbH is a company certified according to ISO 13485:2003 and Annex II of the Medical Device Directive 93/42/EEC (MDD).

Revision: 1.0 Valid from: September 2009

# Sensatronic®

## Description

The OEM-Flow A-F module has been designed for measuring the breathing gas flow in respiratory and anaesthesia machines. It works with state-of-the-art hot-wire flow sensors.

The flow sensor is controlled with a precision driving circuit.

The module is small-sized and works in a wide range of supply voltages.

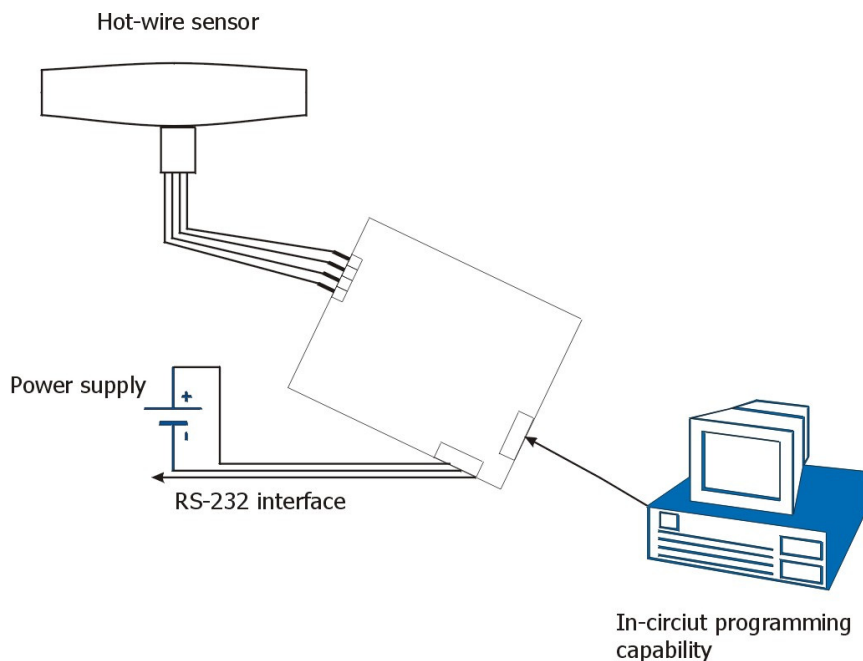
A RS-232 interface is used to interchange the data with the host system.

The board has a ADC resolution of 12 bit and a sampling rate of up to 500 samples/sec.

## Technical data

Measuring principle:	Constant temperature mode
Probe input:	1 x Hot-wire flow sensor
Measuring range:	according to the sensor specs.
Accuracy:	± 5% in the range of 10 - 100 l/min (board only)
Supply voltage:	5V DC; other voltages on request
Current consumption:	depending on gas flow
Data interface:	RS-232
Dimension:	approx. 38 x 41 x 15 mm
Weight:	approx. 10 g

## Example of use



**Made in Germany** 

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