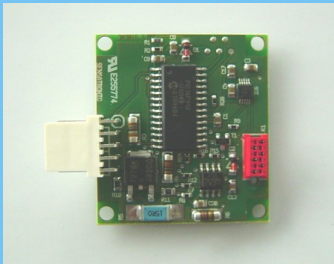


Product Information

OEM-Flow A

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



Order information

OEM-Flow A Module 5 VDC

016-00014

OEM-Flow A Dev-Kit

016-00012

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

Revision: 5.1 Valid from: 02-2017

Description

The OEM-Flow A 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.

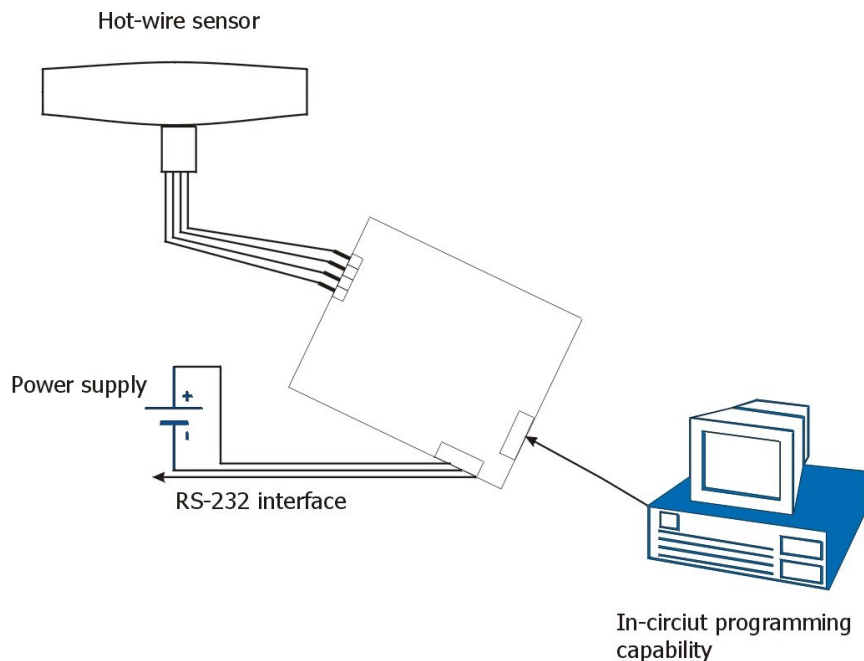
A RS-232 interface is used to interchange the data with the host system.

The board has a ADC resolution of 10 bit and a sampling rate of up to 200 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



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