

Product Information

OEM-Flow H

Module for measurement of breathing gas flow with flow-pressure transducer



Order information

OEM-Flow H Module 5V

016-00003

OEM-Flow H Dev-Kit

016-00011

(Other voltages on request)

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

Revision: 3.3 Valid from: 02-2017

Description

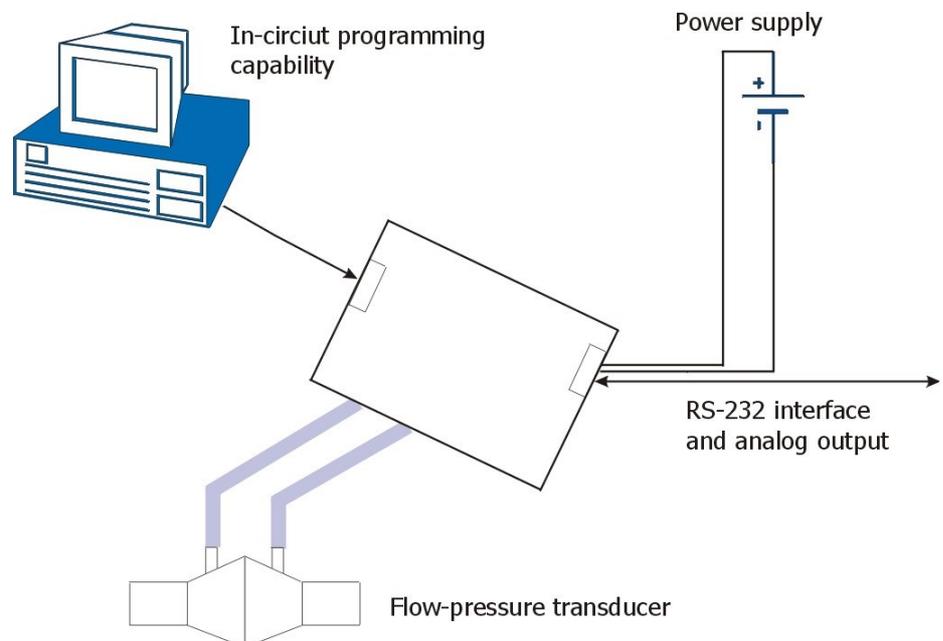
The OEM-Flow H module is designed for the measurement of breathing gas flow in respiratory and anaesthesia machines. It works with flow-pressure transducers compatible to our DP flow sensor.

The transducer pressure is measured with a precision differential pressure sensor. The module is equipped with one 3/2-way valve for determining the 'zero level' of the pressure sensor without the risk of a leakage in closed breathing circuits. The measured data can be interchanged with the host system via a RS-232 interface.

Technical data

Measuring principle:	Differential pressure measurement
Probe input:	flow-pressure transducer compatible to DP Flow sensors
Measuring range:	according to the sensor
Operating pressure:	± 10 mbar
Max. proof pressure:	150 mbar
Resolution:	12 bit
Accuracy:	$\pm 5\%$ in the measuring range (without sensor)
Supply voltage:	5 V DC; other voltages on request
Current consumption:	< 12 mA (valves not active)
Data interface:	RS-232
Dimension:	approx. 43 x 30 x 17 mm
Weight:	approx. 20 g

Example of use



Made in Germany 

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