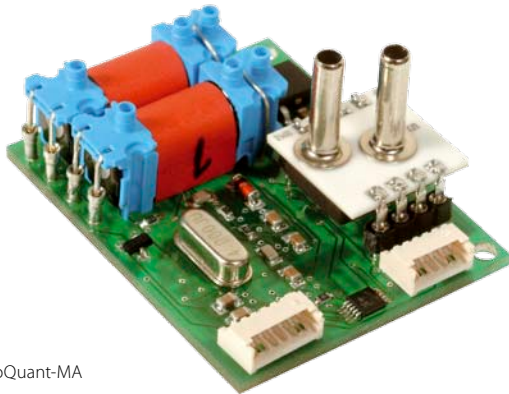


SpiroQuant-MH

OEM flow module for measurement of breathing gas flow for respiratory and anaesthesia machines with flow-pressure transducer



SpiroQuant-MA



SpiroQuant H

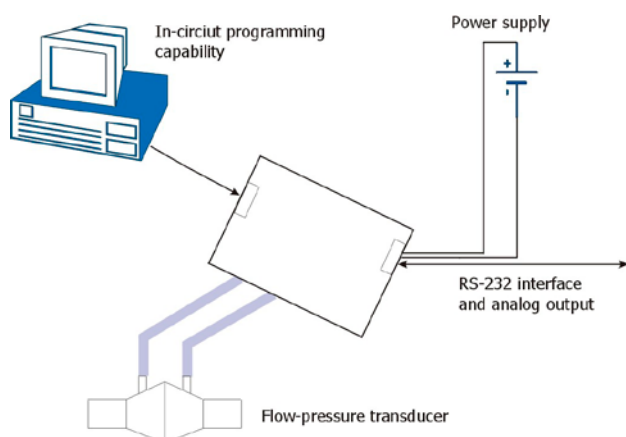
Technical Data (Specifications)	
Measuring principle	Differential pressure measurement
Probe input	Flow-pressure transducer compatible to EnviteC SpiroQuant H
Measuring range	According to the sensor
Accuracy	± 5% in the measuring range (without sensor)
Supply voltage	6-24V DC; other voltages on request
Current consumption	< 12 mA (valves not active)
Data interface	RS-232
Dimension	approx. 50 x 35 x 22 mm
Weight	approx. 20 g

Features

- differential pressure measurement
- flow direction detection
- 16 bit A/D converter
- RS-232 communication
- in circuit programming capability
- auto-zero function
- no purge pressure

The OEM-Flow module SpiroQuant-MH is designed for the measurement of breathing gas flow in respiratory and anaesthesia machines. It works with flow-pressure transducer sensors. Compatible with SpiroQuant H flow sensor.

The sensor signal is conditioned with a precision differential pressure sensor and a 16 bit AD converter. The module is equipped with two 3/2-way valves for determining the 'zero level' of the pressure sensor without the risk of a leakage in closed breathing circuits.



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