

**Press release****wpi 349 / 0309
March 2009****Area: Fluid sensors****Subject: Safe measurement of the smallest quantities at low cost**

With the new SQ volumetric flow sensor ifm electronic now offers a sensor for low volumetric flow quantities. This sensor has been designed for dosing of water and aqueous solutions up to 200 ml/min, thus allowing use in various applications. Flow and temperature are measured at the same time. They can either be supplied as switching or as analogue output.

Designed for the food and machine tool industries the volumetric flow sensor type SQ has a favourable price compared to the systems already on the market.

The measuring pipe itself is inside the unit, offering high protection against mechanical strain. The connection to the system is made via a G 1/8 process connection.

Analogue, binary or pulse outputs offer various possibilities to process the measured data. In view of the flexible output versions the sensor can be easily integrated into existing systems.

Volumetric flow quantities, total quantities or temperature are indicated via a 4-digit alphanumeric LED display directly on the unit.

The volumetric flow sensor SQ operates according to the calorimetric measuring principle. The permissible temperature range of the medium is between 0...60°C. The sensor is connected via a standardised M12 connector.

ifm electronic at Hannover Messe 2009: hall 9, stand D36.
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