



Press release wpi 559 / 0617

Area: Process sensors

Magflow meters with IO-Link.

Essen, June 2017 – ifm electronic has now added IO-Link 1.1 to the proven SM6000, SM7000 and SM8000 magflow range. These units feature high accuracy, measurement dynamics and repeatability. They are suitable for conductive media from 20 $\mu\text{S}/\text{cm}$ and feature a totaliser function. The 4-digit alphanumeric LED display is highly visible.

Variable use

The magnetic-inductive flow meter operates on Faraday's law of induction. Conductive media flow through magnetic field. The voltage generated is proportional to the speed or flow rate. This voltage is tapped via electrodes and converted in the evaluation electronics. Besides liquids up to 900 l/min the devices measure temperatures of -10...70 °C. Furthermore, an additional measuring point is no longer needed thanks to the integrated temperature monitoring. The robust compact housing, use of resistant materials and pressure rating up to 16 bar allow flexible use.

Reliable and efficient thanks to IO-Link

By means of the IO-Link technology the process values are now available digitally. Conversion losses during measured value transmission are a thing of the past. Saving all sensor parameters not only allows an easy replacement of sensors but also a simple and quick configuration and remote parameter setting. The user is well prepared for Industry 4.0 with the new IO-Link functionality.



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Compact flow meter SM6000 with IO-Link from the MID series.

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Contact

ifm electronic gmbh
Friedrichstr. 1
DE - 45128 Essen
www.ifm.com
Phone: +49 201 / 24 22-0
Fax: +49 201 / 24 22-1200
Email: presse@ifm.com

Andreas Biniash Dipl. Ing.
Technical Writing
Phone +49 201 / 24 22-1425
andreas.biniash@ifm.com