# Press Release

**A milliliter makes all the difference – save costs with the precise electromagnetic flow meters from Baumer**

(MM/DD/YYYY) Volumetric flow, flow velocity, and temperature measurement – three of the most important variables for efficient process control combined in a single sensor, the electromagnetic flow meter. Baumer is introducing two new product series at once – the compact PF55S for industrial applications and the PF75H/S series. The latter measures media from a conductivity of 5 µS/cm and is available in a hygienic as well as a robust industrial design. The flow meters are suitable for high flow velocities up to 10 m/s.

**The advantage during processing: exact dosage. No energy loss. Save costs.**

Thanks to the sophisticated design of their sensor, the electromagnetic flow meters from Baumer allow particularly precise, long-term stable, and reliable measurement results with an accuracy of up to 0.2%. Based on the highly precise measurements of the volumetric flow and the flow velocity, tasks such as volume balancing, mixing, and dosage processes can be optimized and controlled very accurately. This allows the very precise use of resources, such as liquid foods, chemicals, or fresh and sewage water and minimizes the waste of resources. The coreless air coils generate a stable, temperature-independent magnetic field. In addition, the stable performance with a continuous, constriction-free measurement tube or fittings of the PF75 series also contribute to the efficient process control. This prevents pressure loss in the system, while the performance of the pump, and thus the energy consumption, can be optimally controlled.

**All information at a glance**

The flow meters PF75H/S are optionally available with the familiar CombiSeries display from Baumer. For increasingly complex and demanding process monitoring and control, the display allows an easy yet efficient monitoring of the measured values, including the indication of alarm limits. The sensor can be adjusted directly via the touch display. All required information is displayed in such a way that it can be seen at a single glance, even from a long distance. The advantages are obvious: the display allows uniform operation and process monitoring across the entire CombiSeries product range, including temperature, pressure, conductivity, and flow measurement.

The electromagnetic flow meters from Baumer are available with all standard process connections for hygienic and industrial applications with customized, temperature- and vacuum-resistant linings for all media as well as a large range of pipe diameters from DN3 to DN250. The flow sensors are configured via the BCP operating and control software.

Further information: www.baumer.com/magmeter

Photo: The electromagnetic flow meters from Baumer allow efficient process monitoring thanks to their very precise, reliable, and reproducible measurement results.

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Text and picture download at: [**www.baumer.com/press**](http://www.baumer.com/press)

**Baumer Group**

The Baumer Group is one of the worldwide leading manufacturers of sensors, encoders, measuring instruments and components for automated image processing. Baumer combines innovative technologies and customer-oriented service into intelligent solutions for factory and process automation and offers an unrivalled wide technology and product portfolio. With around 2,700 employees and 38 subsidiaries in 19 countries, the family-owned group of companies is always close to the customer. Baumer provides clients in most diverse industries with vital benefits and measurable added value by worldwide consistent high quality standards and outstanding innovative potential. Learn more at [www.baumer.com](http://www.baumer.com) on the internet.

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