



BAUMER – WHEN IT COMES TO FLOW METERS

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

The electromagnetic flow meters from Baumer allow efficient process monitoring thanks to their very precise, reliable, and reproducible measurement results. 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 $\mu\text{S}/\text{cm}$ 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 Baumer CombiSeries DFON display. For increasingly complex and demanding process monitoring and control, the DFON offers an easy yet efficient monitoring of the measured values. The sensor can be programmed directly via the touch display and all required information is displayed in such that they can be seen at a single glance even from the distance.

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.

The new Baumer PF75 and PF55 magnetic flow meters are available in Scandinavia via our sales offices in Denmark and Sweden, as well as at our distributor Sigum Fagerberg, who has recently been appointed sole Baumer process sensor distributor in Norway. ●



Company contact:

Mikkel Damkjær Hansen
Sales & Marketing Manager
Baumer A/S
Phone +45 89317611
mdhansen@baumer.com
www.baumer.com