



PRESS RELEASE

New Features for Industrial Gas Flow Meters

The IN-FLOW Mass Flow Meters and Controllers by Bronkhorst High-Tech, The Netherlands, are of rugged design according IP65 (dust- and waterproof). The instruments are available for flow ranges from 0,05-1 ml_n/min up to 200-10000 m_{3n}/h Air-equivalent.

In addition to the optional ATEX approval for use in Category 3, Zone 2 hazardous areas, the IN-FLOW series can now be offered with **FM approval for Class I, Division 2**, which is an important feature for the North American market.

Furthermore Bronkhorst announces the availability of a PROFINET fieldbus interface on their industrial mass flow meters and controllers for gases (for this new fieldbus the FM and ATEX approvals are pending). PROFINET is said to be the “new standard for industrial automation”, offering major savings in configuration and commissioning. The flexible architecture of PROFINET with its comprehensive scope of functions enables innovative, flexible, and cost-saving machine automation: maximum performance and precision, flexible address assignment and modular design, fast commissioning thanks to open access and defined interfaces and optimal diagnostics of devices as well as the network.

Bronkhorst has many years of experience with fieldbus communication. Depending on customer requirements, their digital flow meters and controllers can be equipped with one of the six available fieldbus interface options. The wide range of digital metering and control devices is applied in many different markets, e.g. the food & beverage, pharmaceutical and chemical industries, glass and tool coating processes and in machinery for solar cell production.

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Mass Flow Controller for gases