



Badger Meter Europa

IOG[®] series

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Inline and flanged oval gear meters

The industrial OG meter is a modular oval gear flow meter design, economical yet highly accurate and rugged. Due to the rugged nature of this particular flow measurement technology, the industrial OG meter can be used in a number of applications where conventional meters are not acceptable.

The series is best suited for measuring the flow of chemicals and can be used in the petrochemical industry. They are also used for waterbased applications for the food and beverage industry. The meters have a compact design making them ideal for the process industry, construction plants and almost all batching and flow metering applications.

Electronic registers with Ex protection (IP67) can be mounted on the top of the meters. The meters can be installed horizontally or vertically, and offer a wide measuring range as well as high accuracy.

The meters are available in sizes of 1/4", 1/2", 3/4", 1" High Flow, 1 1/2", 2" and 3" in stainless steel or aluminum. The rotors are available in stainless steel or in plastic (LCP), cover a temperature range of -30 °C to +120 °C and are best suited for applications with a viscosity of up to 1000 mPas.



Features

- Compact size
- High accuracy and repeatability
- Factory calibrated
- Flow ranges from 0,25-700 l/min
- Flexibility of installation options (vertical or horizontal installation)
- Low pressure drop
- Minimum number of wearable parts for long product life and easy field servicing
- Wide range of instrumentation available for control system interfacing
- Adjustment of lay lengths (optional)
- ATEX approval

