

SITRANS F M MAG 8000

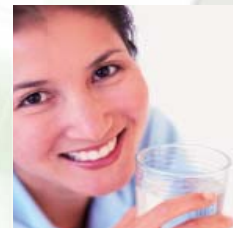
The unique battery-operated water meter for Revenue

Lose less – keep more

The brand new battery-operated electronic MAG 8000 flowmeter from Siemens is a versatile and cost-effective meter. It satisfies the demands of district network monitoring as well as revenue metering and is a perfect two-in-one meter for large-scale consumers.

Clean drinking water is a scarce resource that is expensive to produce and deliver. To ensure our descendants and ourselves enough water now and in the times to come it is important to measure, control and bill the water consumption accurately.

For more information on dedicated solutions visit www.siemens.com/MAG8000



water

Correct billing and monitoring of consumption

MAG 8000 is designed and approved after the OIML R49 international water meter standard. It features functions to optimize water supply and visualize consumption. The built-in data logger records data up to 26 months and enable alarms on too high consumptions to ensure optimal use of the high priced water. As an obstruction-free meter MAG 8000 has no moving parts that wear and tear in time and guarantees high measurement accuracy throughout its whole life.



SIEMENS



A two-in-one meter at the same price

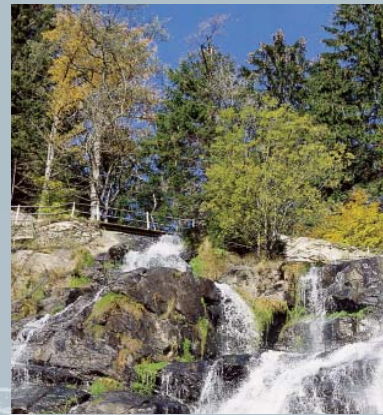
MAG 8000 is an installation and maintenance cost-saving meter. Its long lasting performance makes it an ideal and reliable water meter for both district and revenue applications where it can replace two meters - one for billing and one for district network monitoring. MAG 8000 needs **no mains power** at all and its battery operation make installation simple. A typically battery operation time of 6 years ensures low operation costs. With a real IP68/NEMA 6 enclosure MAG 8000 can be placed below surface in demanding conditions of underground chambers and flooded areas. Its robust construction is built to resist the environment and ensures low maintenance costs. With a battery operation time of 6 years MAG 8000 has low operation costs.

From wired to wireless

MAG 8000 has a built-in IrDA interface and pulse output for easy data collection on site and system integration. It is equipped with an open 'add-on' communication platform for stepwise investment and is future proof for new communication standards. From locally wired to globally 'wireless GSM-SMS communication' Siemens has the right solution for delivering the important "direct on the desk".

MAG 8000 is designed to exceed your expectations and is backed up by Siemens international.

Visit www.siemens.com/MAG8000 for more information on dedicated solutions.



Product features SITRANS F M MAG 8000:

| | |
|---------------------------|--|
| Sensor size | DN 25 - 600 / 1"-24" with DIN 1092-1, ANSI 16.5 and AS4087 flanges |
| Transmitter | Integral on sensor (compact) |
| Enclosure | IP 68 / NEMA 6 |
| Display | Graphical display with touch keypad |
| Output | 2 individual configurable outputs for pulse net flow or alarm / call up |
| Communication | RS 232 / 485 modules with MODBUS RTU protocol |
| Power supply | Mains power supply and internal battery back-up |
| Features | <ul style="list-style-type: none"> · 6 years' battery operation time (up to 10 years with external back-up battery) · 3 totalizer, including customer reset table totalizer and date of change · Data logger with consumption logging up to 26 months data and alarm on to low and to high consumption · Call up function · Tamper protection with fast indication on manipulation · Real time clock and data back up · Application identifier · Password and tamper protection with fast indication on manipulation · Diagnostic for optimal operation · Power management for optimal operation · Real time clock and date · Automated data back up |
| Type Approval | OIML R49 |
| Accuracy | +/- 0,2% +2mm/s or +/-0,4% +2m/s |
| Configuration tool | Siemens PDM and Flow tool software |