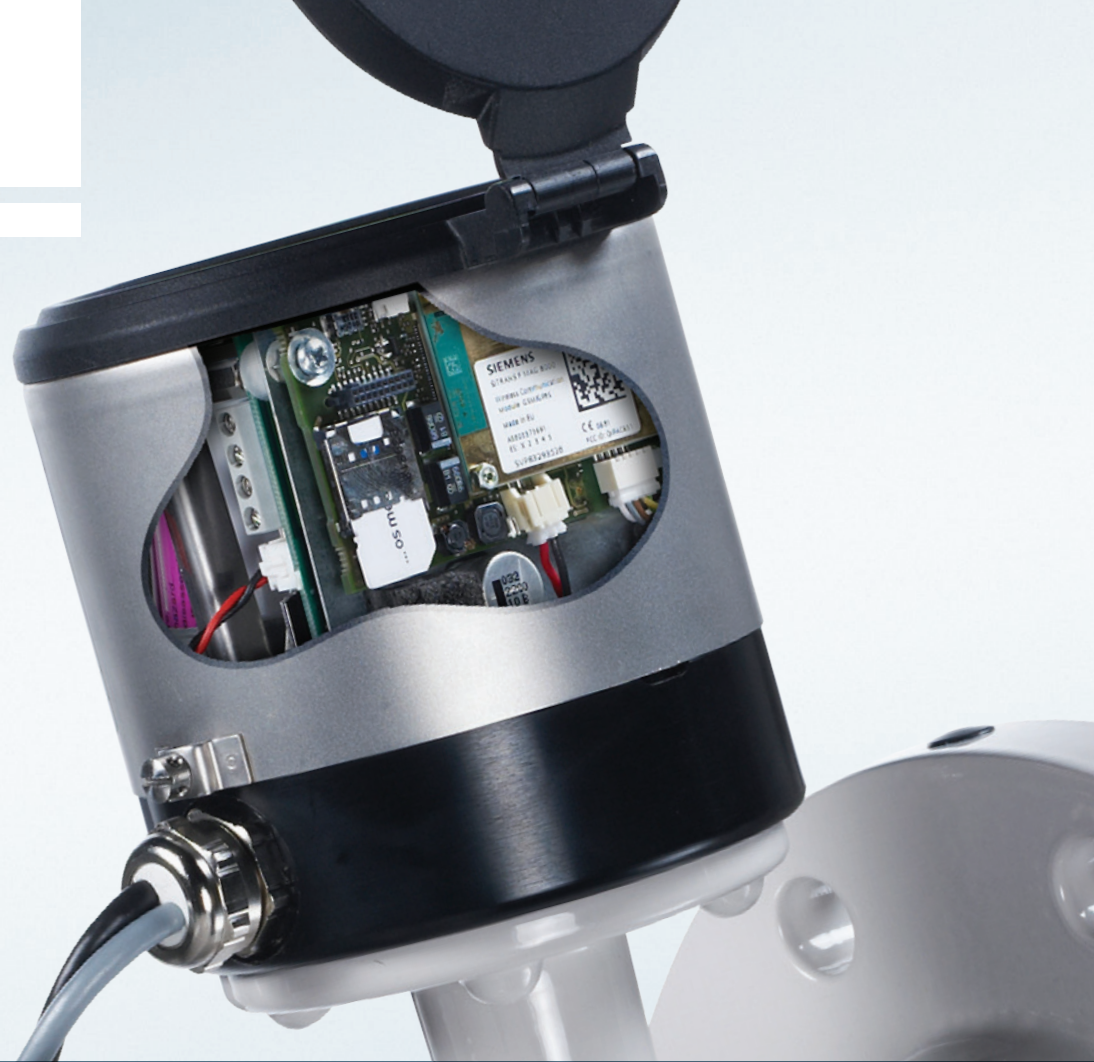


SIEMENS



# The wireless solution for maximized productivity

SITRANS F M MAG 8000 GSM/GPRS Wireless Communication Module

Today's water industry professionals rely increasingly on mobile technology to maximize productivity in the most cost- and time-efficient manner possible. Building on the strengths of the MAG 8000 water meters, Siemens is proud to offer the most accurate and compact wireless solution on the market.

The wireless communication module logs all flow measurement data from the MAG 8000 and transmits it to a designated recipient via email or SMS at customizable intervals throughout the day. The result: optimized flow performance and maximized productivity.



Available as a built-in module for both the MAG 8000 and MAG 8000 CT flow transmitters, the wireless communication module allows for continual monitoring of water applications, even when on-the-go.

[siemens.com/flow](http://siemens.com/flow)



**SITRANS F M MAG 8000 GSM/GPRS  
Wireless Communication Module**

Combining the flexibility of wireless technology with the superior flow measurement capabilities of the MAG 8000, the wireless communication module offers an array of competitive benefits:

**Email and SMS functionalities**

Automatically keeps the operator up-to-date regardless of location and makes it possible to change the settings without visiting the site.

**Your data, your way**

The only GSM/GPRS module to utilize an open-integration OPC server for data storage and viewing, eliminating the need for costly and complex proprietary software.

**Durability and flexibility**

The dust and waterproof nature of the IP68 enclosure ensures durability and flexibility in installation.

**Proven power management**

GSM/GPRS communication module features the same power management concept as the MAG 8000. This includes the ability to calculate total system consumption. The innovative battery arrangement ensures a long lifetime of up to 7 years for the standard lithium batteries despite added power demands.



Few resources are as vital to the human population, the environment and the global economy as water. To ensure the continuous preservation of this valuable commodity, the water industry has come to rely on the versatile SITRANS F M MAG 8000 program.

The battery-operated electromagnetic flowmeters from Siemens are the preferred solution for such varied tasks as water distribution, revenue metering and crop irrigation.

The new SITRANS F M MAG 8000 GSM/GPRS WCM has the following specifications:	
Design	GSM/GPRS Quad Band ( 850/900/1800/1900 MHz )
Supported interfaces	SMS, email and OPC HDA
Email client/server protocol	SMTP / POP 3
Antenna	Omni-directional, 5 m cable length, IP68 for possible submersible conditions and excellent gain to secure transmission
Functionalities	- 2 analog inputs (4-20 mA, 4 wires and ratiometric 5 V loop powered) - Simple configuration via SMS commands - Different sample rates to offer open logs for diverse applications via a simple CSV file attachment containing Flow Rate, Tot 1, Tot 2, Tot 3, % of battery, Analog I1, Analog I2, and Alarms - 12 Tot 1 readings delivered via SMS once daily
Battery lifetime (Transmitting once a day)	Internal: 2 battery packs, 3 years External: 4 battery packs, 7 years
Approvals	CE-marked product EN/IEC 61010, R&TTE (EN 301511), FCC/IC, GCF, PTCRB acc. to NAPRD.03 V4.0, RSS133

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