

Innovation That Transforms Your Magnetic Flow Measurement



Rosemount™ 9000 Series™ Magnetic Flow Meters

Transform your flow operations with smarter diagnostics, safer installation, and intelligent performance you can trust.



Versatile performance for wherever your process takes you



The Rosemount 9000 Series Magnetic Flow Meter redefines simplicity and confidence in flow measurement. Built on decades of proven performance, the Rosemount 9732 Magnetic Flow Transmitter and Rosemount 9205 Magnetic Flow Sensor work together to deliver trusted reliability, intelligent diagnostics, and effortless usability. Emerson's advanced flow technology helps customers overcome everyday challenges, from installation and compliance to insight-driven decision making. With smarter tools and a streamlined experience, this solution empowers better operations across industries. No matter the application, you gain confidence in every measurement.

ROSEMOUNT™



Oil & Gas

In oil and gas environments, performance and safety are critical. This magnetic flow meter delivers trusted reliability and intelligent diagnostics to keep operations running smoothly. With simplified installation and intuitive insights, it helps teams work smarter and safer. Wherever it's installed, gain confidence in every measurement.

Pulp & Paper

In pulp and paper operations, consistency and uptime are critical to maintaining quality and throughput. This flow meter is designed to simplify flow measurement in complex, high-volume environments. With intuitive diagnostics and a user-friendly interface, it helps teams stay focused on production, not maintenance.

Chemical

In chemical processing, precision and reliability are essential to maintaining safety and efficiency. This flow measurement solution is designed to simplify operations while delivering the insights needed to stay ahead of potential issues. With intuitive diagnostics and a user-friendly experience, it helps teams make smarter decisions and reduce downtime. Whether monitoring critical flows or optimizing plant performance, it provides the confidence and clarity needed to keep chemical operations running smoothly.

Metals & Mining

In metals and mining, durability and clarity are key to maintaining safe and efficient operations. The Rosemount 9000 Series is built to withstand tough environments while providing the insights needed to keep processes moving. With intuitive diagnostics and a simplified user experience, it helps teams reduce downtime and make faster decisions. No matter the conditions, it delivers reliable performance and measurable confidence across your operation.



Stop letting outdated flow technology hold you back

When your flow meter lacks modern diagnostics, safe installation, and reliable performance, it slows down operations, increases risk, and erodes measurement confidence. These limitations make it harder to meet production goals and maintain compliance. The new Rosemount 9732 transmitter and 9205 sensor solve these problems with advanced diagnostics, wireless configuration, and a historian that simplifies troubleshooting. The enhanced 9205 sensor offers 2-wire simplicity with 4-wire performance resulting in simplified remote wiring and uncompromised measurement performance. Durable materials and a wide range of liner options ensure long-term reliability. Built for durability and ease, it's engineered to reduce installation time and minimize maintenance.



What's your challenge?

Proper installation and signal integrity are critical, but older meters make achieving a good signal difficult, leading to downtime and costly troubleshooting.



What's your opportunity?

Advanced diagnostics and SMV technology in the 9732 transmitter ensure accurate installation and signal health, reducing errors and maintenance time.

Powerful set of standard capabilities designed to maximize reliability and ease of use



Key Features

- Enhanced Mag Sensor*
- Self-switching AC/DC Universal Power Supply*
- Universal Service Port*
- Multiple Configurable/Licensable Input and Outputs*
- Simplified Remote Cabling*
- Advanced Digital Signal Processing
- Selectable Coil Drive Frequency



Diagnostics

Built-in diagnostics ensure reliable performance and proactive issue detection

- Smart Meter Verification (SMV) Basic*
- Sensor Health Test*
- Grounding and Wiring Fault Detection
- Reverse Flow
- Empty Pipe Detection



Data Logging Capabilities*

Comprehensive logging provides traceability, security, and operational insights

- Totalizer Log*
- Audit Trail Log*
- Alert Log*
- Security Log*

Unlock deeper insights with optional diagnostic enhancements



SMV Professional*

Includes standard features of SMV Basic such as simple pass or fail of SMV test, Commanded SMV, SMV Baseline, and SMV measurement values along with:

- Customizable limit alerts
- Previous 20 SMV reports
- Schedulable and Continuous SMV



Process Diagnostics

Advanced design features deliver accuracy, flexibility, and ease of use

- Smart Fluid Diagnostics*
- High Process Noise
- Electrode Coating Detection



Data Historian*

Automatically captures process and diagnostic data directly at the device, no external historian required

- Featuring fast and slow recording modes:
 - 1-second data stored for up to 11 days
 - 10-minute averaged data stored for up to one year

* Features exclusive to the Rosemount 9000 Series Magnetic Flow Meter



For more information, visit [Emerson.com/Rosemount9000Series](https://www.emerson.com/Rosemount9000Series)

A complete flow measurement solution for confident operations



Rosemount 9732 Magnetic Flow Transmitter

The Rosemount 9732 is a next-generation magnetic flow transmitter designed for high accuracy, advanced diagnostics, and seamless connectivity in demanding process environments. It builds on Emerson's legacy of reliability while introducing modern features for smarter operations.

Superior Performance

Delivers precise flow measurement with advanced signal processing and selectable coil drive frequency to minimize process noise.

Smarter Diagnostics

Includes advanced health monitoring, SMV Basic and Professional, and integrated historian for predictive maintenance and compliance.

Effortless Configuration

Intuitive Local Operator Interface (LOI), ProLink software integration, and Universal Service Port for quick setup and data access.

Seamless Connectivity

Multi-channel and protocol support (HART and Modbus) for easy integration with plant systems.



Rosemount 9205 Magnetic Flow Sensor

Designed to deliver dependable performance across a wide range of flow applications, the 9205 sensor helps customers simplify installation, improve safety, and gain confidence in every measurement.

Enhanced mag sensor design

Optimized magnetics using multiphysics finite element analysis for precision and stable magnetic field generation

Simplified wiring with four connections

Speeds up installation and minimizes errors across remote mount applications

Built for Harsh Environments

Meets or exceeds Type 6P enclosure rating and IP66/67/68/69 protection

Advanced liner and electrode options

Supports a broad range of process conditions without compromising reliability.

The Rosemount 9000 Series Magnetic Flow Meter provides confidence and clarity across your entire operation



Most Intelligent Flow Technology

- Built-in historian captures and retains critical process and diagnostic data at the device for up to one year
- SMV delivers assurance of meter health and performance
- Advanced diagnostics provide real-time process insights
- Configurable I/O adapts to current and evolving application needs

Built On Trusted Performance

- Optimized magnetics provide faster, more stable magnetic field for 4x better out-of-the-box performance
- Robust design for harsh environments and demanding applications
- SIL certification ensures functional safety in critical industrial processes

Easiest To Use Solution

- USB and Bluetooth enable fast setup
- Universal Power Supply eliminates the risk of applying the wrong power type
- Intuitive interface reduces configuration guesswork
- Common transmitter streamlines user experience across devices

Elevate your flow measurement operations

The Rosemount™ 9000 Series Magnetic Flow Meter represents the next generation of flow measurement, combining trusted performance with intelligent innovation. Built on Emerson's legacy of reliability, this solution is designed to help customers operate with greater confidence, clarity, and control across a wide range of process environments.

At the heart of this solution is the 9732 transmitter, offering advanced diagnostics, Bluetooth® connectivity, and built-in data logging to simplify configuration and deliver actionable insights. It empowers teams to make smarter decisions faster, while reducing downtime and maintenance effort.

Paired with the 9205 sensor, this flow meter delivers robust performance and installation flexibility. Its intrinsically safe design, simplified wiring, and broad material options make it easy to deploy in demanding applications without compromising safety or reliability.

Together, these technologies form the most intelligent, most trusted, and easiest-to-use magnetic flow solution available, helping customers streamline operations and improve measurement confidence, wherever it's installed.

Learn more at: [Emerson.com/Rosemount9000Series](https://emerson.com/Rosemount9000Series)

**Achieve smarter flow measurement
with a trusted solution designed
for simplicity, insight, and peak
performance.**



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