

ROSEMOUNT™ 9000 SERIES™ MAGNETIC FLOW METER

Smarter insights, proven reliability,
simple operation.

Rosemount 9000 Series Magnetic Flow Meter Features

The Rosemount 9000 Series Magnetic Flow Meter featuring the advanced Rosemount 9732 Magnetic Flow Transmitter and Rosemount 9205 Magnetic Flow Sensor, represents the next generation of flow measurement technology. Built on a foundation of trusted performance, intelligent diagnostics, and effortless usability, it delivers the reliability, insight, and simplicity needed to keep critical processes running efficiently and safely.

Smart Meter Verification and **Advanced Digital Signal Processing** ensure stable, trustworthy measurements.

Data Historian and **advanced diagnostics** help pinpoint process issues quickly and deliver actionable insights.

Flexible integration with **licensable, ready-to-configure channels** keep your process under control.

Bluetooth connectivity enables safe, on-the-go configuration and troubleshooting resulting in no hot work permits required.

Enhanced sensor provides **safe, simple remote mount installation** that reduces wiring complexity and minimizes time in hazardous areas.

Fast, intuitive operation using a **local interface with quick menu** for simplified setup and adjustments.

Universal power compatibility supports any AC/DC requirements for easy deployment.



Rosemount 9000 Series Magnetic Flow Meter



Superior Measurement Performance

Optimized magnetics deliver 4x better out-of-the-box accuracy with faster, more stable signal processing.



Simplified, Safer Installation

Intrinsically safe remote cabling eliminates hot work permits and reduces installation complexity and risk.



Efficient, Sustainable Design

Durable design and 50% lower power consumption cut costs, improve lead times, and support sustainability goals.

ROSEMOUNT MAGNETIC FLOW METERS

Rosemount 9732 Magnetic Flow Transmitter Specifications

Display	Graphical LCD with Quick Menu
Power Supply	Universal Power Supply, 18–100 VDC or 85–240 VAC
Output	Three configurable, licensable channels: Channel A: 4–20 mA/HART, Frequency Output, or Discrete Output Channel B: 4–20 mA, Frequency Output, Discrete Input or Discrete Output Channel C: Modbus RS-485
Licensable Options	Channel A, Channel B, Channel C, Smart Meter Verification Pro, Process Diagnostic, Data Historian
Wireless Configuration	Bluetooth®
Certification	IEC 61010-1 (Ordinary Location); XP: US, Canada: Class I Div 1; Class I Zone 1, 2 Class II Zone 21, 22 Dust Zone 21, 22; Class I Div 2; Class II Div 1; IECEx, ATEX: Zone 1, 2, Dust Zone 21, 22; CE; 22; IEC 61508 Functional Safety
Materials of Construction	A360 Aluminum, 300 Series Stainless Steel, or 316 Stainless Steel
Configuration	Integral or Remote Mount
Sensor Compatibility	Rosemount 9205 Magnetic Flow Sensor

Rosemount 9205 Magnetic Flow Sensor Specifications

Line Size	½ in. to 8 in. (15 mm to 200 mm)
Accuracy	0.25% standard, 0.15% high accuracy option
Materials of Construction	A360 Aluminum, 304 Stainless Steel, or 316 Stainless Steel
Liner Options	PTFE, Neoprene, Polyurethane, PFA+, Linatex, Adiprene, PEX
Electrode Material	316L SST, Nickel C276, Tantalum, 80% Platinum-20% Iridium, Titanium, Tungsten-Carbide 316SST or Nickel C276
Electrode Type	Standard, Bullethead, and Flat
Flange Material, Type and Rating	Carbon Steel, 304 SST, and 316 SST Slip-on Raised or Flat Face, Weld-neck Raised or Flat Face, Up to derated Class 600
Certification	IEC 61010-1 (Ordinary Location); US, Canada: Class I Div 1; Class I Zone 0, 1, 2; Class II Zone 20, 21, 22; Class I Div 2; Class II Div 1; IECEx, ATEX: Zone 0, 1, 2, Zone 20, 21, 22; CE; Canadian Registration Number (CRN); Pressure Equipment Directive (PED)
Transmitter Compatibility	Rosemount 9732 Magnetic Flow Transmitter

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

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