ROSEMOUNT 8750W MAGNETIC FLOWMETER

Rosemount reliability for utility applications

ROSEMOUNT®

EMERSON™
Process Management

ACHIEVE RELIABLE UTILITY MEASUREMENTS

Performance, reliability and intelligent diagnostics come together to make Rosemount Magnetic Flowmeters the superior solution for utility flow measurement.

Rosemount has used its engineering expertise in magnetic flowmeters to design a solution specifically for utility flow measurement. The easy-to-use robust design provides the reliability and accuracy you need to keep your process running.
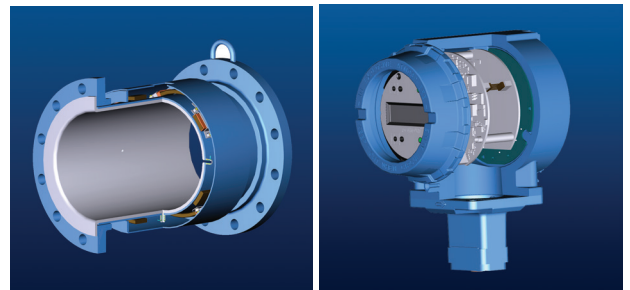
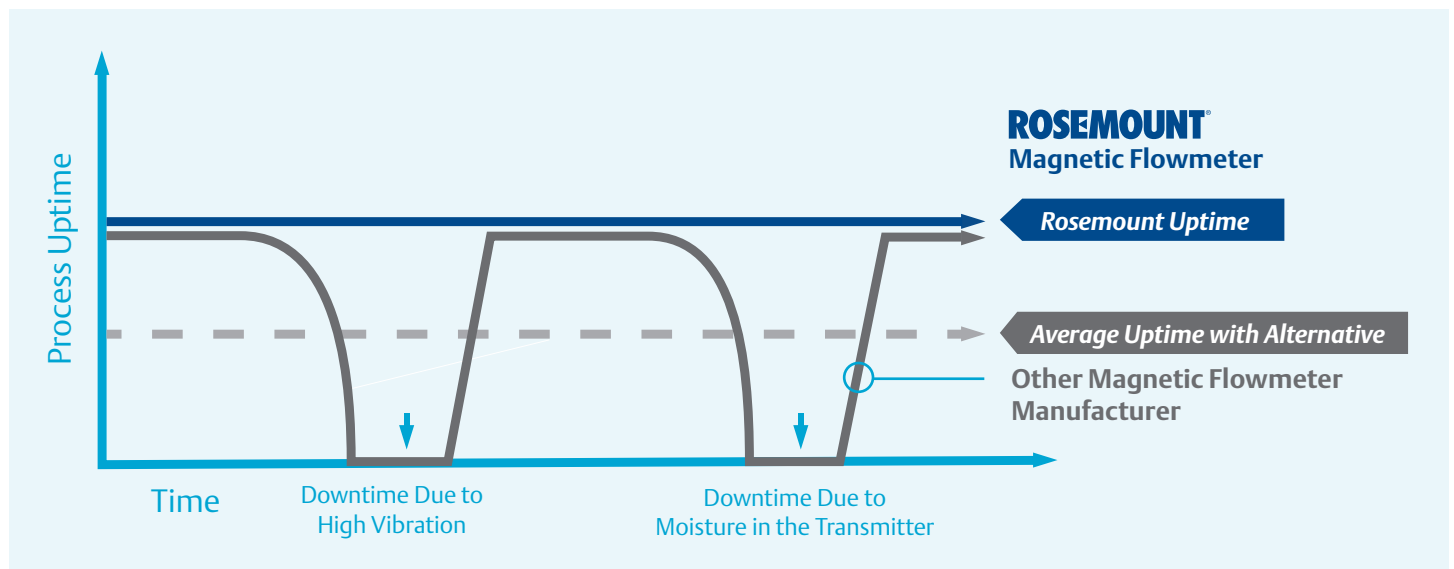ROSEMOUNT **8750W** MAGNETIC FLOWMETER

Reliable, Robust Design

✔ Fully welded construction withstands sustained vibration

✔ Dual-compartment transmitter housing keeps electronics isolated from moisture and contamination

✔ Robust design and materials make the 8750W the most reliable meter available for utility flow application

8750W LONG-LASTING, ROBUST SOLUTION

Fully welded design   Isolated electronics

ROSEMOUNT®
Magnetic Flowmeter

Rosemount Uptime

Average Uptime with Alternative

Other Magnetic Flowmeter Manufacturer

Process Uptime

Time

Downtime Due to High Vibration

Downtime Due to Moisture in the Transmitter

▶ Avoid Unplanned Shutdowns

✔ Continuous meter verification confirms meter calibration without interrupting the process

✔ Electrode coating diagnostic indicates when preventive maintenance is needed so unexpected downtime is avoided

✔ High process noise diagnostic provides accurate readings to reduce process variability

✔ Printed report verifies meter performance for regulatory agencies

"Leveraging the **world-class** smart meter verification and process diagnostics, we significantly **reduced operator rounds** and have more **accurate and reliable reporting** now."

Utility Manager, Major Chemical facility

8714i Results:
Passed

ROSEMOUNT

SMART
METER
VERIFICATION

WALL MOUNT TRANSMITTER WITH KEYBOARD

Sensor Calibration Verification Results	Transmitter Calibration Verification Results
Result	Result
Pass ▼	Pass ▼

Report feature verifies the meter is performing as well as the day it left the factory

▶ Easy to Use

✔ Easiest-to-use Local Operator Interface

✔ Simplified configuration at the meter

✔ Fully tested and ready to install

CLEAN WATER   WASTE WATER   UTILITY FLOW

Specifications

Line Size	0.5" – 48" (15 mm – 1200 mm)
Liner Material	PTFE, Neoprene
Electrode Material	Stainless Steel, Nickel Alloy
Flange Standard	ANSI, EN, GB, AS4087, AS2129, JIS, AWWA
Flange Rating	Up to 300# / PN40 / 4.0Mpa / PN35 / Table E / 10K / Class D
Accuracy	Standard 0.5%; Optional High Accuracy 0.25%
Mounting	Integral / Remote / Wall Mount
Transmitter Output	4-20 mA Digital Electronics (HART Protocol)
Power Supply	AC (90-250 V AC, 50–60 Hz); DC (12–42 V DC)
Hazardous Area Approval	Ordinary Location, NEPSI Zone 2
Process Diagnostics	Empty Pipe, Grounding/Wiring Detection, High Process Noise, Coated Electrode Detection
SMART™ Meter Verification	Meter Integrity

Rosemount 8750W Magnetic Flowmeter

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