

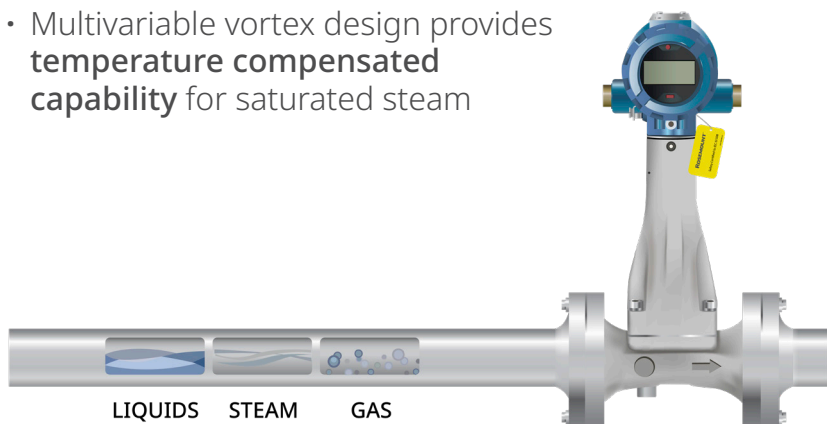
ROSEMOUNT™ 8600 VORTEX FLOW METER

Reliable and compact solution for efficient flow measurements.

With a robust design for improved reliability, the Rosemount 8600 Vortex Flow Meter increases flow visibility and user safety while providing a flexible solution for various application needs.

Reduce energy and utility costs by improving measurement confidence with repeatable, consistent measurement optimized for general purpose flow metering. Designed to provide a stable and accurate measurement, the Rosemount 8600 meets numerous flow metering application needs.

- **Vibration immunity** delivers enhanced measurement performance
- Vortex linear technology provides accurate measurement over a broad flow range for **excellent rangeability**
- Device diagnostics and electronics verification enable **simplified troubleshooting**
- Offering pulse output and HART® 7 communication protocol for **application flexibility**
- **Suitable in SIL 2/3 applications** with IEC 61508 third party certification
- Multivariable vortex design provides **temperature compensated capability** for saturated steam



Ease of Installation

Simply bolt in and wire up and the meter is ready for operation.



Increased Reliability

All-cast construction prevents leaking with no impulse lines that can plug or freeze.



Reduced Maintenance

Simplified maintenance with minimal moving parts to repair or maintain.

ROSEMOUNT 8600 VORTEX FLOW METER

8600 Vortex Flow Meter Specifications

Line Size	1 in. – 8 in., 25.4mm – 203.2 mm
Flow Meter Accuracy	±.75% of volumetric for liquids and ±1% of volumetric for gas and steam
Safety Certification	SIL 2/3 capable per IEC 61508
Turndown	Up to 30:1
Outputs	4-20 mA with HART 5 or 7 4-20 mA with HART 5 or 7 and Scalable Pulse Output
Wetted Materials	CF-8M cast stainless/CF-3M and Graphite Gasket
Flange Options	ANSI RF Class 150 and 300 EN 1092-1 PN 16 Type B1 and PN 40 Type B1
Operating Temperature	-58 to 482 °F (-50 to 250 °C)

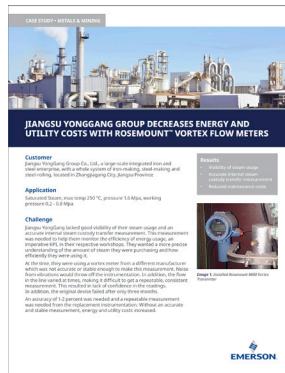
Certifications:



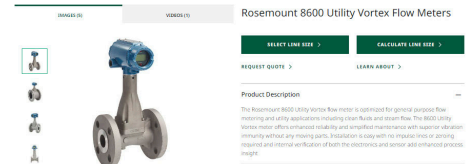
Additional Resources:



[8600 Vortex Flow Meters Video](#)



[Case Study](#)



[Web Page](#)

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

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