Rosemount 8800D Series Vortex Flowmeter
The Rosemount 8800 Series of Vortex Flowmeters eliminate potential leaks and achieve better measurement practices.

Rosemount Vortex Flowmeters allow you to achieve better measurement practices across your applications by eliminating potential leak points, incorporating gasket-free meter body designs that are immune to vibration, and enabling best installation practices with Reducer™ and MultiVariable™ Vortex.

Reducer™ Vortex can save up to 40% per installation by eliminating the need for field installed reducers.

Multi Variable™ Vortex can save up to 30% per installation by eliminating the need for external temperature compensation for saturated steam applications.

See for yourself how the Rosemount 8800 Vortex Flowmeter can solve your flow challenges.

Key Specifications	
Flowmeter Accuracy	± 0.65 % of rate for liquids ± 1% of rate for gas and steam
Turndown	38:1
Output	• 4-20 mA with HART® • 4-20 mA with HART® and Scalable Pulse Output • FOUNDATION™ fieldbus with 2 Analog Input blocks, 1 Backup Link Active Scheduler function block, and 1 Integrator function block (1 PID function block optional)
Wetted Material	Stainless Steel - 316/316L and CF3M Nickel Alloy- C-22 and CW2M Consult factory for other wetted material options
Flange Options	ANSI Class 150 to 1500 DIN PN 10 to PN 160 JIS 10K to 40K Flanges are available in a variety of facings
Operating Temperatures	-330°F to 800°F (-200°C to 427°C)
Line Size	Flanged - ½-in to 12-in (15 to 300 mm) Wafer - ½-in to 8-in (15 to 200 mm) Dual - ½-in to 12-in (15 to 300 mm

Applications

The Rosemount 8800 Vortex Flowmeters are suitable for liquid, gas, and steam applications. The high performance of the Rosemount 8800 Flowmeters solve your toughest flow applications needs by:

- Eliminating Clogging associated with impulse lines (and other vortex)
- Reducing potential leakpoints by using a gasket-free meter body design
- Using a mass balanced sensor and Adaptive Digital Signal Processing to provide vibration immunity
- Unique isolated sensor design allows replacement without breaking the process seal