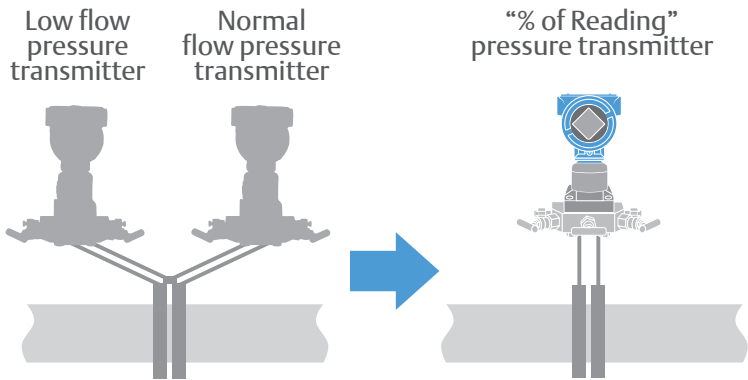


Rosemount Enhanced for Flow

Superior accuracy in high turndown applications



WHAT IF...

...you could eliminate switching out transmitters or orifice plates due to high turndown?

...you could reduce inventory using a single standardized transmitter for any flow rate?

CHALLENGE

In order to measure large flow ranges and adapt to changing process conditions, it is often necessary to stack multiple transmitters or trade out orifice plates. This leads to increased costs, inventory, and process downtime.

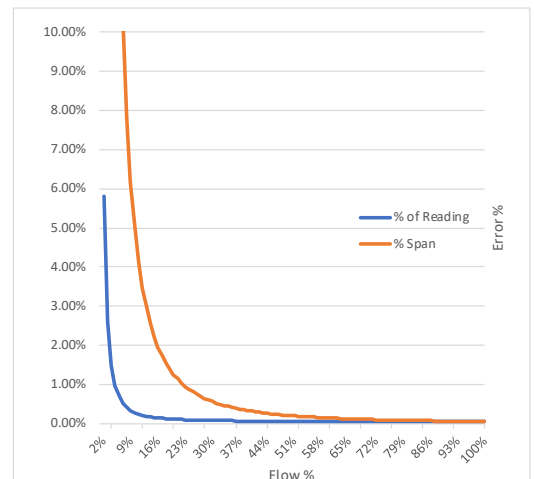
OUR SOLUTION

Rosemount™ Enhanced for Flow (EFF) technology improves transmitter performance in high turndown applications. A single Rosemount EFF unit is able to capture the entire range, eliminating the need to stack transmitters or change out primary elements. Rosemount EFF also reduces inventory by allowing users to standardize on a single transmitter for any application.

Rosemount Enhanced for Flow is a transmitter accuracy class, based on a percentage of DP reading, where accuracy increases as flow rate turns down. In contrast, percent of span transmitters experience large errors when flow rate turns down.

Key Innovations

- 0.05% of DP reading specification over a 8:1 turndown
- Includes a 12 year warranty and 5 year stability
- Enhanced for Flow accuracy class is exclusive to Emerson



For more information visit
Emerson.com/MultiVariableMeasurement
or contact your local Emerson Sales Representative



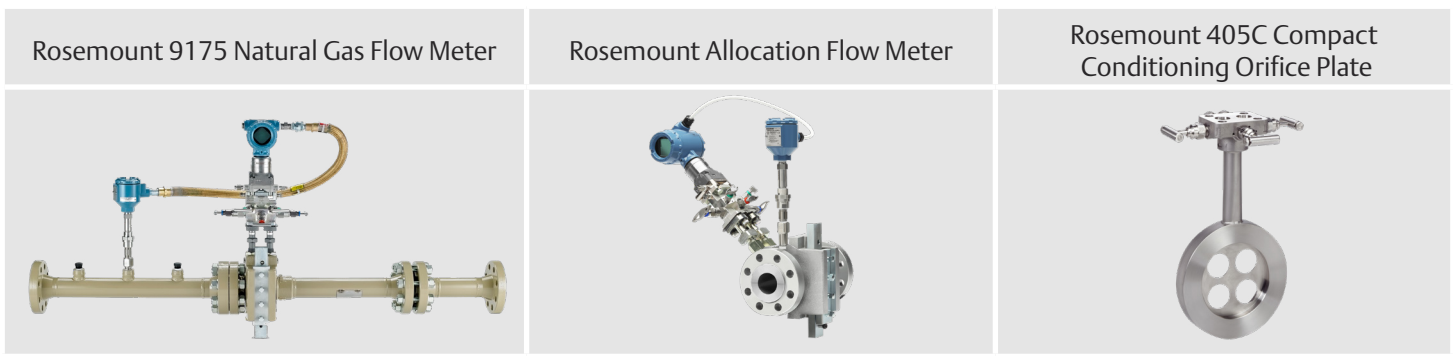
Rosemount Enhanced for Flow

Rosemount EFF transmitters are designed to be more accurate at low flow rates.

% Span		Enhanced for Flow			
0.05% of Span		0.05% of Reading		0.05% of Reading	
Error (+/- in H2O)	% Error	% Flow Reading	DP Reading (in H2O)	Error (+/- in H2O)	% Error
0.5	0.05%	100%	1000	0.5	0.050%
0.5	0.10%	70%	500	0.25	0.050%
0.5	0.50%	32%	100	0.073	0.073%
0.5	2.00%	16%	25	0.035	0.14%
0.5	5.00%	10%	10	0.028	0.28%
0.5	10.00%	7%	5	0.025	0.51%
0.5	50.00%	3%	1	0.0235	2.35%

ASSOCIATED PRODUCTS

Combine Emerson's high performance pressure transmitters with a wide selection of primary elements for a complete integrated flow meter solution.



Rosemount Global Headquarters

Emerson Automation Solutions
 6021 Innovation Blvd.
 Shakopee, MN 55379
 USA
 +1 800 999 9307 or +1 952 906 8888
 +1 952 949 7001
 RFQ.RMD-RCC@EmersonProcess.com

Standard Terms and Conditions of Sale can be found at www.Emerson.com/en-us/pages/Terms-of-Use.aspx
 The Emerson logo is a trademark and service mark of Emerson Electric Co.
 Rosemount and Rosemount logotype are trademarks of Emerson Electric Co.
 All other marks are the property of their respective owners.
 ©2019 Emerson. All rights reserved.

00807-0100-4175 Rev AA

ROSEMOUNT™

Consider it Solved.

Emerson Automation Solutions supports you with innovative technologies and expertise to address your toughest challenges. For more information, visit Emerson.com/MultiVariableMeasurement

