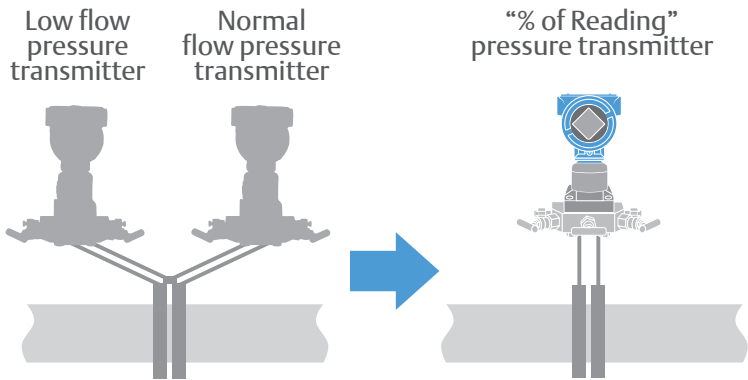


# Rosemount Ultra for Flow

## 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.

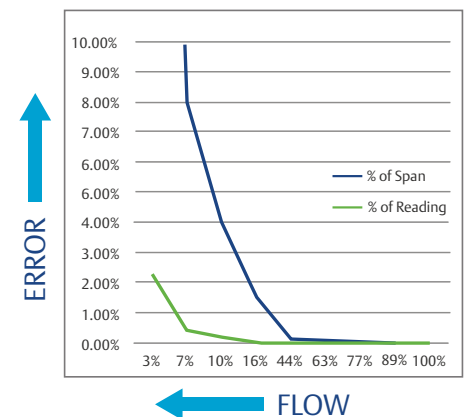
### OUR SOLUTION

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

Rosemount Ultra 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

- .04% of reading specification over a 14:1 turndown
- Includes a 15 year warranty and 15 year stability
- Ultra for Flow accuracy class is exclusive to Emerson™



For more information visit  
[Emerson.com/MultiVariableMeasurement](http://Emerson.com/MultiVariableMeasurement)  
 or contact your local Emerson Sales Representative



# Rosemount Ultra for Flow

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

% Span		Ultra for Flow			
0.04% of Span				0.04% of Reading	
Error (+/- in H2O)	% Error	% Flow Reading	DP Reading (in H2O)	Error (+/- in H2O)	% Error
0.4	0.04%	100%	1000	0.4	0.04%
0.4	0.08%	70%	500	0.2	0.04%
0.4	0.40%	32%	100	0.063	0.063%
0.4	1.60%	16%	25	0.033	0.13%
0.4	4%	10%	10	0.027	0.27%
0.4	8%	7%	5	0.025	0.50%
0.4	40%	3%	1	0.0234	2.34%

## ASSOCIATED PRODUCTS

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



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Standard Terms and Conditions of Sale can be found at [www.Emerson.com/en-us/pages/Terms-of-Use.aspx](http://www.Emerson.com/en-us/pages/Terms-of-Use.aspx)  
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## 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](http://Emerson.com/MultiVariableMeasurement)

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