

Rosemount 1208 Level and Flow Transmitter Series

Compact non-contacting radar technology for level and flow measurement in utility applications



Utility applications are essential in keeping process plant operations running efficiently. Rosemount™ 1208 Level and Flow Transmitters are non-contacting radar transmitters designed to simplify measurement tasks in industrial utilities such as water and wastewater applications. With both 4-20 mA/HART and digital IO-Link connectivity, the Rosemount™ 1208 series can easily be integrated into any automation system.



Gain a better process insight

- Optimize your applications with reliable continuous level and flow control
- Ensure plant availability and enriched sensor information through digital IO-link technology



Improve operational efficiency

- Eliminate manual rounds and reduce operation costs by automating applications
- Reduce maintenance tasks with radar technology, which is unaffected by most process conditions

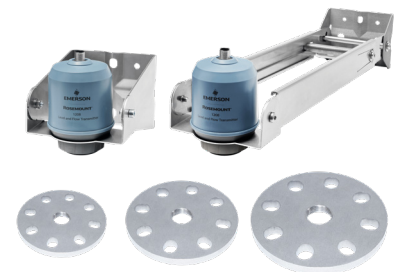


Reduce complexity with easy-to-use instrumentation

- Simple and quick commissioning with new radar technology
- Easy to fit in installations with limited space through compact design and narrow 80 GHz beam angle



Mounting accessories



Mounting brackets and flanges

Connectivity accessories



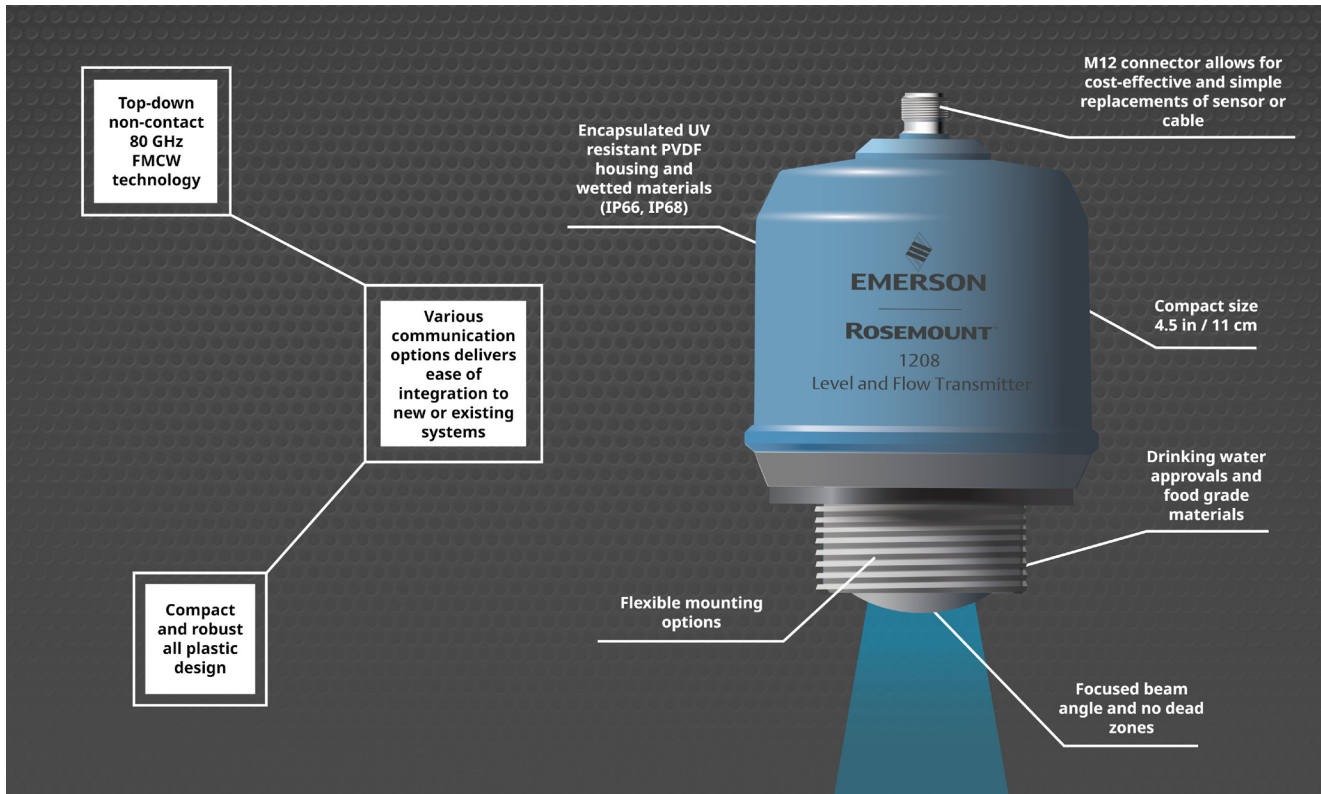
M12 cables and IO-Link accessories

Wide range of process connections and accessories

For more information, visit [Emerson.com/Rosemount1208](https://www.emerson.com/Rosemount1208)



Level and Flow Measurement in Utility Applications



Rosemount 1208 Level and Flow Transmitter Series Specifications

Measuring range	49.21 ft. (15m)
Accuracy	±0.08 in (± 2 mm)
Pressure Range	-14.5 to 43.5 psi (-1 to 3 bar)
Output	IO-Link, 4-20 mA, switch (PnP/NpN) – Available for Rosemount 1208A 4-20 mA HART – Available for Rosemount 1208C
Temperature rating	-40 to 176 °F (-40 to 80 °C)
Wetted materials and housing	PVDF
Approvals	Food grade, Drinking water Ex zone 2 – Available for Rosemount 1208C

*See product data sheet for full specifications: [Rosemount 1208C Data Sheet](#) and [Rosemount 1208A Data Sheet](#).

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Lifecycle Services

The expertise, technology, and processes to operate safely, improve reliability, and optimize your plant performance.

Educational Services

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