

Make Marine Tank Level Measurement Easier Each Step of the Way



Rosemount 520 Level Transmitter

Unparalleled high-quality marine tank level gauging





What if you could avoid all obstacles when it comes to marine tank level measurement?

Marine tank level measurement can be extremely challenging. From design and installation restraints to operational inefficiency and loads of maintenance frustrations. To avoid obstacles it is vital to have reliable devices, especially designed and approved for the marine environment.

The Rosemount 520 Level Transmitter designed for marine



The Rosemount 520 has a strong lineage of quality and accuracy and is designed to withstand corrosive marine environments and features over-pressure protection to prevent pressure transients from affecting performance. With its 5 years of stability you can be confident to have high-performance transmitter that will not cause you frustrations during the process - from design and installation to operation and maintenance. Even at vetting inspections you can relax, because with the high quality Rosemount device you get the best level measurement available at all times.

Meet Your Application Needs.

Choose a transmitter that is flexible for different installation methods and suitable for all marine tank applications. With a 25:1 rangeability covering a wide spectrum of applications with just two transmitter ranges, you can use one and the same transmitter to all your marine applications.

Reduce Manual Work in High-risk Areas.

With the Rosemount 520 Level Transmitter in operation, your technicians can access the transmitter remotely either by field communicator or configuration software and spend less time troubleshooting instrumentation in high risk areas and can focus on more important tasks.

Ease Installation and Configuration.

With the same specifications and design for all applications as well as remote configuration capabilities the installation costs can be fairly minimized. Get numerous opportunities for mounting and positioning of the transmitter and an extensive flange package.

Ensure Marine Compliance and Compatibility.

Compatible with all commonly used liquids in marine. With marine approvals in place the transmitter covers all general marine requirements. With this knowledge you can confidently re-use the specification for all tank level related applications in your ship designs.

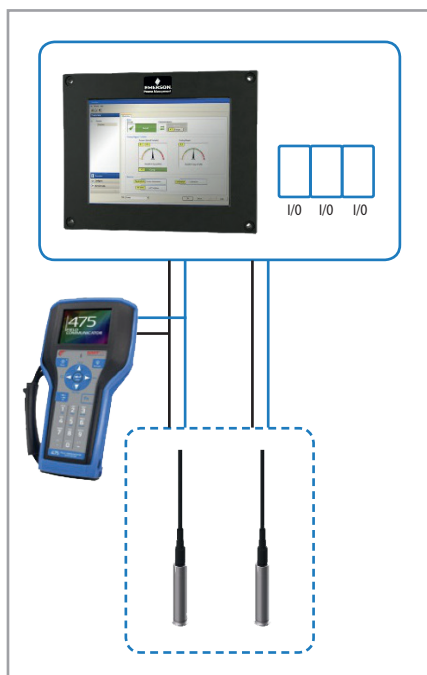


Ensure Efficiency. Always

To ensure efficiency on board you need reliable and stable gauges, meeting marine requirements and handling the task they were placed to do with perfection. You can then use the time on more important tasks that improve your operational efficiency, instead of troubleshooting tank level gauging.

Welcome the Rosemount 520 Level Transmitter and embrace the fact that the crew can gather data and do service themselves. With 5 years stability, 25:1 rangeability and digital HART® interface - it simply Makes Marine Tank Level Measurement Easier Each Step of The Way.

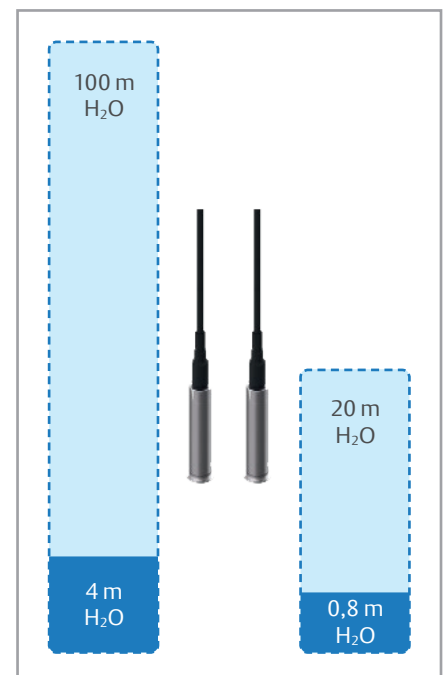
Ease Marine Tank Level Measurement



Digital HART® communication protocol enables remote control and diagnostics to reduce unnecessary work in high risk area.



5 year stability extends the calibration intervals and reduces calibration time costs.



25:1 Rangeability allows one and the same transmitter for all tank level applications.

Rosemount 520 Level Transmitter

– Pressure-based Level Measurement

Designed for harsh marine environment

- Ensure the highest reliability with robust all-welded titanium housing
- Reduce failures with overpressure capabilities of up to 50 bar
- Approved by all major classification societies

Installation flexibility

- Eliminate design constraints with a wide range of different installation kits
- Ensure compatibility with all commonly used liquids by a all-welded titanium housing
- Ease replacement of old/other transmitter

Transmitter interface software

- Simplify commissioning with intuitive menu-driven interface
- Allow crew to quickly and easily configure and diagnose transmitter, reducing installation and troubleshooting costs



25:1 Rangeability

- Allow coverage of a wide spectrum of applications with only one type of transmitter
- Simplify spares handling and reduce inventory

5-year Stability

- Extend calibration intervals with superior 5-year long term stability
- Increase efficiency and system availability

4-20mA/HART® interface

- Obtain easy and safe access to transmitter information and configuration
- Drive proactive maintenance practices through sensor diagnostics and alerts
- Use remote diagnostics to reduce unnecessary work in hazardous areas

One Transmitter to cover all applications

- Available as gauge or absolute type to fit all applications

From Emerson

Emerson is the market leader in pressure and level measurement and brings this expertise and product quality to the marine industry with the Rosemount 520 Level Transmitter. Rosemount instruments are built to the highest safety, quality, and performance standards, and are designed to operate with little to no maintenance work after installation.

And because Emerson's marine sales and support teams are available at all strategic marine hubs, you can get the information and help you need, when you need it.

Complete Expertise within Marine

Emerson's marine solutions are developed for harsh sea environment to ensure reliable, efficient and safe operation on board any type of ship and offshore unit.

- Integrated control and monitoring
- Cargo monitoring and tank gauging
- Valve remote control
- Fuel management

What really sets us apart is our dedication to the marine sector and engineering excellence. This is reflected in all aspects of our organization, from design and production to application know-how and global service network.

What really drives us is to provide innovative solutions for our customers to operate safely, efficiently and with peace of mind.

For contact information, addresses and facts about our global sales and service network, please visit:

www.Emerson.com/marine

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