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Measurement instrumentation, services and solutions for industrial process engineering.

Is Your Steam Boiler Water Level Monitoring Reliable?

Meet The Hydrastep 2468



? Are you confident in the accuracy of your steam boiler's water level measurements?

? Do you seek a fail-safe system to prevent costly and hazardous low-water conditions?

? Is compliance with industry safety standards a priority for your operations?

💡 If these concerns resonate with you, **Semac Automation** is pleased to introduce the [Hydrastep 2468 Steam Boiler Water Level Monitoring System](#) by **Delta Mobrey**.

👉 **Introducing The Hydrastep 2468:**

The **Hydrastep 2468** is a state-of-the-art electronic gauging system designed to replace traditional sight glasses, providing precise and reliable monitoring of the water/steam interface in steam boilers. Recognized globally for its contribution to plant safety, the Hydrastep 2468 has been safeguarding operations for over five decades.

Key Features:

- ✓ **SIL 2 Certification:** Assessed per IEC 61508 standards, ensuring high reliability for safety instrumented functions.
- ✓ **High-Visibility Displays:** Offers clear local and remote displays with a 32-segment green/red indicator of the water/steam interface level.
- ✓ **Comprehensive Monitoring:** Supports 8 to 32 electrode inputs for versatile application needs.
- ✓ **Analog Output:** Provides a 4–20 mA output proportional to the water/steam interface level for seamless integration with control systems.
- ✓ **Alarm Integration:** Optional relay outputs for high or low-level alarms or trips to enhance safety protocols.
- ✓ **Dual Redundancy:** Available for ultimate reliability, ensuring continuous operation even in fault conditions.
- ✓ **Fault Detection:** Actively detects and indicates any fault conditions, including contamination, facilitating preventative maintenance.
- ✓ **Robust Design:** Suitable for use up to 560 °C (1,040 °F) and 300 bar (4,350 PSI), making it ideal for demanding environments.

Applications:

Power Generation: Ensuring safe and efficient boiler operation in power plants.

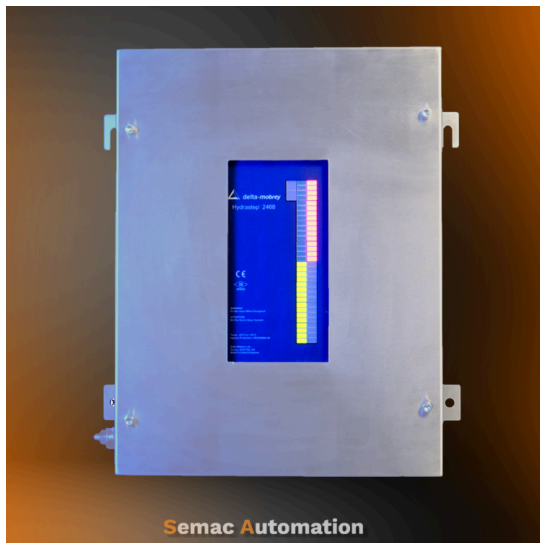
Industrial Manufacturing: Maintaining optimal steam levels in various manufacturing processes.

Marine Engineering: Providing reliable boiler monitoring for marine vessels.

Chemical Processing: Safeguarding boiler systems in chemical production facilities.

Why Choose Hydrastep 2468?

The **Hydrastep 2468** offers a fail-safe design that alarms for low/high water conditions without causing false trips, ensuring uninterrupted operations. Its compliance with industry standards, including ASME Boiler Code PG60.1.1 and Factory Mutual approvals, underscores its reliability and safety credentials.



Delta Mobrey

Hydrastep 2468

Steam Boiler Water Level
Monitoring

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