ProGauge® | DOVER FUELING SOLUTIONS

Site Efficiency & Connectivity

Gauge The Possibilities.

ProGauge Electronic Pressurised Line Leak Detection (PLLD).



Visit Website

Certified. Scalable. Precise. Powerful.

Dover Fueling Solutions® (DFS) is now offering Electronic Pressurised Line Leak Detection (PLLD), together with the ProGauge MagLink LX Plus® console.

The Maglink LX Plus console is a certified, precise automatic tank gauge (ATG) console that is easy to install and use, providing powerful analytics and reports to help efficiently manage your fuel inventories and keep you compliant. The ProGauge electronic PLLD option is perfectly suited for use on sites with pressure supplied fuel systems that use any type of Submersible Turbine Pump (STP).

The ProGauge PLLD system is:

- Easy to install and provides a seamless operation, to meet everyday business and environmental compliance needs.
- Developed and certified to meet the most demanding industry requirements.
- Third-party certified for 0.1, 0.2 and 3 gallons per hour (gph) according to U.S. EPA test requirements.
- Able to monitor the integrity of pressurised product lines, regardless of the type of pipe used or site configuration.

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How does the PLLD system work?

The ProGauge PLLD system is easy to install and includes an straightforward setup, with an automatic learning mechanism to detect product pipeline characteristics and the automatic adjustment of calibration settings.

A digital pressure sensor is installed per pressure line, directly on a 2” test port on a STP head, as to not disturb normal product flow. The PLLD sensor is constructed in stainless steel and caries all required safety certifications.

The PLLD system performs daily, monthly and annual tests as per EPA rules. The system also monitors line pressure during fuelling cycles. If an abnormal pressure drop is detected during dispensing, the system will automatically stop the STP. When the station is quite or idle, the system monitors the static line pressure. If a pressure drop is detected, the system will automatically run a 3.0 GPH test to check the line integrity.

In the event a leak is detected, the PLLD system can be set to automatically shut down the STP, ensuring environmental damage is minimised.

The MagLink LX Plus console’s sophisticated algorithm will automatically compensate product temperature variations, and minimise possible false alarms caused.

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Features and Functions.

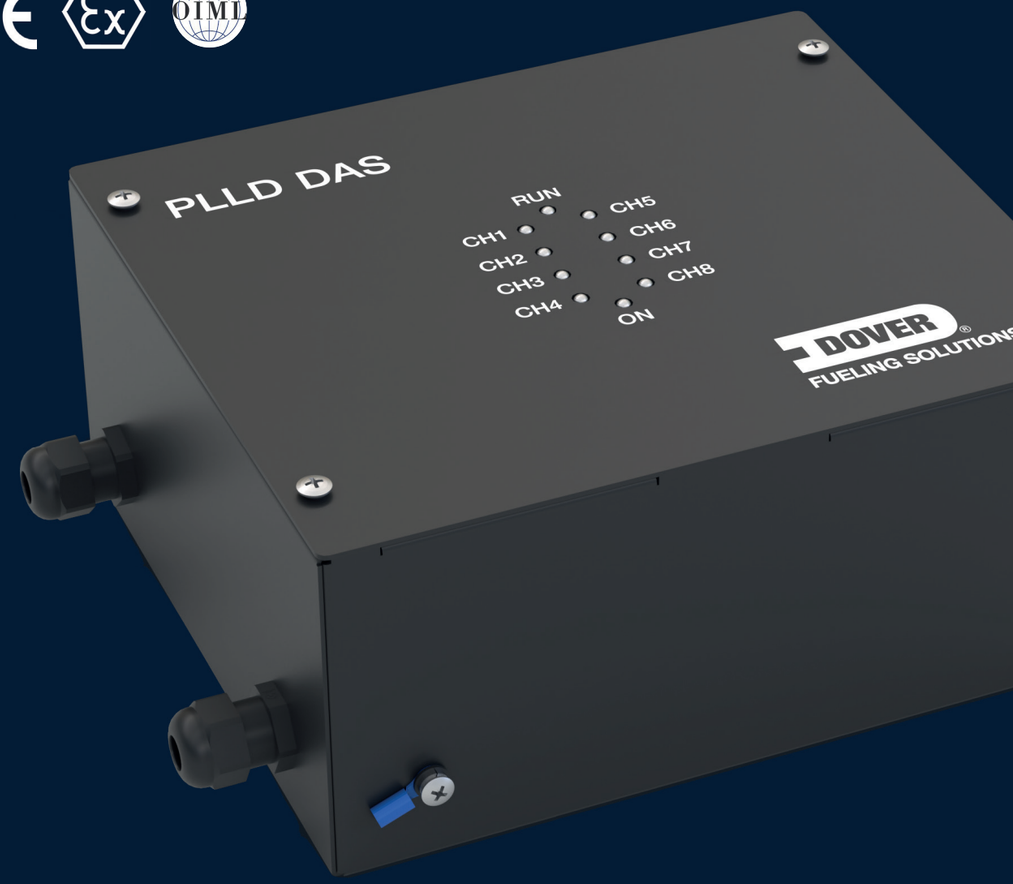
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Operating Conditions.

- Fuel Compatibility:
  - Unleaded and leaded gasoline
  - Diesel
  - 5% Methanol
  - Ethanol (up to E100)
  - BioDiesel (up to B100)
  - 15% MTBE
  - Kerosene
  - Jet Fuel
  - Aviation Gasoline
  - DEF
- Operating Range: 0 – 6 bar (0 to 87 PSI)
- Min Pump Output Pressure: 1.38 bar (20 PSI)
- Max Volume of Pipe: up to 559 gallons for combination (flex, semi-rigid, rigid) pipelines

Certifications





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