

High Technology
and precision.



Protecting your profits
and the environment.

ProPlus

Automatic Tank Gauge System

PROPLUS is an automatic tank gauge system that continuously and simultaneously gauges up to 8 fuel tank compartments with 0.01 mm resolution, ensuring precision and reliability for your gas station fuel inventory management.

ProPlus also monitors up to 16 line leak detection sensors, avoiding loss of fuel and hence soil contamination, preserving the environment.

The system provides instant reports and information with printing date and time, and can be programmed to issue those reports automatically up to 4 times (shifts) per day.

The ProPlus system is equipped with a self-checking circuit that oversees correct operation of its probes and sensors, warning the gas station operator through alarms about any occurrence.

Main Features:

- > Attached printer (optional) for reports, alarms and instant information printing
- > 2 relays outputs
- > 1 serial RS-232 output for management software communication
- > 1 Ethernet output (optional)
- > Leak detection (optional)

Infos and Reports shown on the console's display:

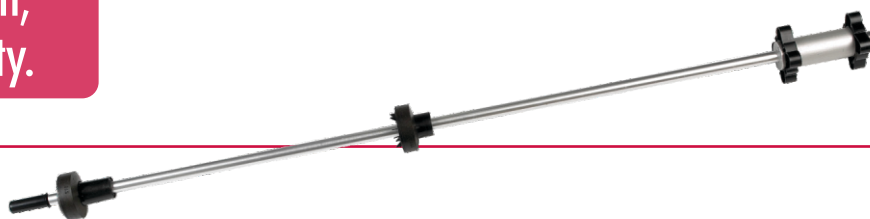
- > Fuel volume
- > Temperature compensated fuel volume (reference 20°C)
- > Last delivery volume
- > Tank ullage
- > Fuel level
- > Water level and volume
- > Tank temperature
- > Fuel delivery report (automatic)

- > Printed report of the last 10 deliveries per fuel tank compartment
- > Alarms
- > Alarms history

Self-checking circuit that oversees correct operation of its probes and sensors, warning the gas station operator through alarms on:

- > High fuel level
- > Low fuel level
- > Minimum fuel inventory (recorder level)
- > Overfill
- > Water level
- > Sudden fuel loss
- > Leaks

Tradition,
reliability.



Accurate
information.

Veeder-Root's Magnetostrictive Probes

Veeder-Root's Magnetostrictive Probe, a by-word instate-of-art gauging technology, was designed to measure fuel inventory of underground storage tanks and aboveground storage tanks (upon request) that require maximum accuracy and reliability for inventory management.

The probe detects water and measures the tank temperature. These functionalities combined with high accuracy of the magnetostrictive principle ensure a reliable measurement of the existing fuel inventory in the tank. This probe can detect leaks of 0.38 l/h or 0.76 l/h in leak detection tests, with 95% probability of valid alarms and up to 5% of false alarms.

Designed to be compatible with all types of fuel, the Magnetostrictive Probe is equipped with a monitoring circuit, a Veeder-Root exclusive device that ensures the probe integrity and operation, informing the gas station about any failure.

Main Features:

- > Stainless steel body for all types of application.
- > Operating Temperature: -40°C to 50°C.
- > Reduced probe canister diameter with adjustable spacers for quick and easy installation in 2", 3" or 4" pipes.
- > For special fuel measurement, verify probe compatibility.

Models	Leak Detection	Temperature Measurement	Water Measurement
Mag 1	Yes - 0,38 l/h rate	Yes	Yes
Mag 2	Sim - 0,76 l/h rate	Yes	Yes
Mag 3	No	Yes	Yes

Precision, safety
and control.



Water and
hydrocarbon
detection.

Veeder-Root's Sump and Interstitial Sensors

SUMP SENSOR

The Veeder-Root Sump Sensor detects the presence of liquids in the containment sumps, ensuring your gas station and the environment protection. It is easy to install and compatible with TLS-450, TLS4, TLS-350R, TLS-350, ProPlus and TLS-300 automatic tank gauge systems.

This sensor can be installed in fuel tanks sumps, pump sumps and filter sumps.

Main Features:

- > Composition: PVC pipe Schedule 40
- > Type: magnetic and hermetically sealed
- > Electric power supply: intrinsically safe, provided by the Veeder-Root systems
- > Contact supply: 15 watts
- > Operating Temperature: -40°C to +70°C
- > Storage temperature: -40°C to +70°C
- > Switch stroke: 22,2 mm for contact
- > Each sump sensor is supplied with an assembly kit

INTERSTITIAL SENSOR FOR DOUBLE WALL FUEL TANKS

The Veeder-Root Interstitial Sensor detects the presence of liquids in the interstice of double wall fuel tanks, also known as jacketed tank. Liquids in the interstice can indicate a fuel leak, which is very dangerous.

Main Features:

- > Operating temperature: -20°C a +70°C with hydrocarbons; 0°C a 70°C with unfrozen water
- > Storage temperature: -40°C a +75°C
- > Sensor dimensions: 63,5 mm height x 38,1 mm diameter
- > Cable length: 5 meters

Gilbarco Veeder-Root reserves the right to change one or more specifications of its fuel pumps with no prior notice whenever improvements are made. Be sure to check the current product specification at the time of purchase.

The success of your business must be supported by solutions and technology at your fingertips. You need a partner. Someone who listens to you. Someone who can meet your needs, your customers' needs, and your financial needs. We have all the products and services you are looking for. Count on us to help you and provide any further information.



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