



ELECTRONIC PRESSURIZED LINE LEAK DETECTION SYSTEM



Patented measurement technology

The Veeder-Root Electronic Pressurized Line Leak Detection system can be used in a variety of pressurized line applications. Our patented technology performs leak test at full pump pressure for 0.1 gph precision and a pressure decay test to meet the US EPA's continuous 3.0 gph gross test requirement. When partnered with our TLS-450PLUS Automatic Tank Gauge, large volume customers can now monitor lines that exceed 1100 gallons.





Part Number	Description	Supported Console
859080-001	Digital Pressurized Line Leak Detector (DPLLD) without Swiftcheck Valve	TLS-450PLUS
859080-002	Digital Pressurized Line Leak Detector (DPLLD) with Swiftcheck Valve	TLS-450PLUS
332812-001	16 Input Universal Sensor Module	TLS-450PLUS
332813-001	5 Input and Output Interface Module (STP Control)	TLS-450PLUS

Key Features

- Proven pressure transducer technology
- No restriction of fuel flow
- Utilizes Swift Check Valve on early generation Red Jacket Submersible Pumps
- Test lines at full pressure for quick and accurate result
- Standard 3.0 gph, Optional 0.2 and 0.1 gph testing
- Not impacted by thermal contraction of fuel
- Installs without breaking piping or adding a new sump
- Supports a wide-range of pump and pipe types
- Several options based on TLS system
- Pressure Sensor constructed with Stainless Steel to meet the challenges of a highly corrosive environment

Specifications



- Leaded Gasoline
- 5% Methanol
- Up to 100% Ethanol
- 15% MTBE
- Diesel
- Biodiesel (Up to B100)
- Kerosene
- Jet Fuel
- Aviation Gasoline

Line Flow Rate	120 GPM Max w/ Swiftcheck Valve
Operating Range	0 – 70 PSI
Proof Pressure	200 PSI
Maximum Vertical Pipeline Height Above Transducer	11 Feet
Minimum Pump Output Pressure	23 PSI

Documents

- ↓ [Line Leak Application Guide \(577013-465\)](#)
- ↓ [Exterior Dimensions \ Digital PLLD Sensor \(333526-001\)](#)
- ↓ [PLLD & WPLLD Troubleshooting Manual \(577013-344\)](#)
- ↓ [PLLD Site Prep and Installation Manual \(576013-902\)](#)
- ↓ [WPPLD Site Prep and Installation Manual \(576013-923\)](#)