

Marketing Sales Release**Life Cycle Update for Wireless Pressurized Line Leak Detection
for
TLS-350 Series Systems****1.0 Purpose**

Provide current life cycle status on Veeder-Root Products

2.0 Product Description

Wireless Line Leak Detection (WPLLD) system series 8609 was developed in 1994 to accommodate locations that didn't want to install additional wiring to perform electronic line leak detection. The product can perform 3.0, 0.2 and 0.1 gph line testing.

3.0 Life Cycle Status

Veeder-Root is committed to providing the highest quality products and services to our customers. As one of the world leaders in technology development for Automatic Tank Gauge (ATG) and electronic line leak detection systems, we view product End of Life (EOL) as part of the natural cycle that drives technology evolution.

The Veeder-Root Wireless Line Leak Detection (WPLLD) solution has reached the point in its life cycle where manufacturing the product is no longer feasible due to obsolete components, increased cost for older technologies, and production costs to maintain the product.

We anticipate that the last date for production for the WPLLD will be on or before September 1, 2019.

4.0 Alternative Solution

Veeder-Root offers a wired pressurized line leak detection solution for both the TLS-350 (PLLD) and TLS-450PLUS (DPLLD) which provide 3.0 gph (Standard) and 0.2 / 0.1 gph testing (optional) as suitable replacements. As a reminder, DPLLD is not available with the TLS-350 only the TLS-450PLUS system

5.0 See Appendix I & II for a suitable replacement -

Please contact your Veeder-Root Territory Sale Manager to discuss the latest solutions and products that can help address your customers Electronic Line Leak Detection

APPENDIX I

Digital Pressurized Line Leak Detection System for the TLS-450PLUS Console

Digital Pressurized Line Leak Detection (DPLLD) provides 3.0 GPH hourly and optional 0.2 GPH and 0.1 GPH precision line leak detection for the TLS-450PLUS.

Digital Pressurized Line Leak Detectors

Order one DPLLD per line. Precision testing requires one of the DPLLD software options below.

Part Number	Description
859080-001	Digital Pressurized Line Leak Detector without SwiftCheck Valve, UL
859080-002	Digital Pressurized Line Leak Detector with SwiftCheck Valve, UL

SwiftCheck™ Valve is not required with use of The Red Jacket Submersible Turbine Pump or Franklin Fueling Submersible Turbine Pump. SwiftCheck™ is required for the PJ Standard and Quantum STPs. Refer to the "Line Leak Application Guide" at www.veeder.com for more information on selecting line leak kits.

Digital Pressurized Line Leak Detection Modules

To perform line leak detection, the TLS-450PLUS console requires the use of Digital PLLD sensors, which require both the Universal Sensor/Probe Interface Module and the Universal Input/Output Interface Module.

Part Number	Description
332812-001	Universal Sensor Module (USM) Interface for Probes, Sensors, and DPLLD (TLS-450PLUS)
332813-001	Universal Input/Output Interface Module (UIOM) for Relay Control and Input Signal Monitoring (TLS-450PLUS)

DPLLD Precision Testing Software (Optional)

One per system required for precision line leak detection capability. A software enhancement module is not required for 3.0 GPH line leak detection capability. See the last page of this section for more details about these options.

Part Number	Description
332972-007	Ultimate Testing: Digital Line Leak Detection for TLS-450PLUS*
332972-008	Risk Management: Digital Line Leak Detection for TLS-450PLUS*
332972-009	Base Compliance: Digital Line Leak Detection for TLS-450PLUS*

If added to an existing console, the DPLLD Software will be shipped on a Veeder-Root tButton adapter, p/n 330020-639.

APPENDIX II

Pressurized Line Leak Detection System for TLS-350 Series Consoles

Pressurized Line Leak Detection (PLLD) provides automatic 3.0 GPH hourly and optional 0.2 GPH and 0.1 GPH precision line leak detection for TLS-350 series systems.

Pressurized Line Leak Detectors



Order one PLLD per line. Precision testing requires one of the PLLD software options listed below.

Part Number	Description
848480-001	Pressurized Line Leak Detector Sensor without SwiftCheck, UL
848480-003	Pressurized Line Leak Detector Sensor with SwiftCheck, UL

SwiftCheck™ Valve is not required with use of The Red Jacket Submersible Turbine Pump or Franklin Fueling Submersible Turbine Pump. SwiftCheck™ is required for the RJ Standard and Quantum STPs. Refer to the "Line Leak Application Guide" at www.veeder.com for more information on selecting line leak kits.

Pressurized Line Leak Detection Modules

PLLD supports a maximum of six line leak detectors in each console. TLS-350 series consoles require both a PLLD interface module and a PLLD controller module to perform line leak detection.

Part Number	Description
330843-001	Module, Six-Input Pressurized Line Leak Interface for use w/ PLLD (Max 1/console)
330374-001	Module, Three-Output Pressurized Line Leak Controller (Max 2/console for use w/ PLLD) - Provides dispenser handle inputs and high power output to STP control relays, 120V

Pressurized Line Leak Detection Precision Testing Software (Optional) TLS-350/TLS-350PLUS

One per system required for precision line leak detection capability. A software enhancement module is not required for 3.0 GPH line leak detection capability. See last page of this section for more details about these options.

Part Number	Description
330160-010	Ultimate Testing: Pressurized Line Leak Detection (PLLD) for TLS-350 Series Consoles*
330160-060	Risk Management: Wireless / Pressurized Line Leak Detection (W/PLLD) for TLS-350 Series Consoles*
330160-050	Base Compliance: Wireless / Pressurized Line Leak Detection (W/PLLD) for TLS-350 Series Consoles*

Benefits

- Flow Optimization
- Inventory Control
- Operational Redundancy
- Equipment Loading
- Safety
- Equipment Protection
- Uses Cases
- Remote Diagnostics and Control

Supporting Hardware

The FE controllers supported by Intelligent Pump Control are:

STP-SCI
MagVFC (MagECO)
STP-SCIII

TLS-450PLUS Console hardware/software requirements:

RS-232/RS-485 Dual Interface Module
Intelligent Pump Control feature enabled
Version 8.B software or later