

“Solutions for Real World Conditions”

PLD4000

*Petroleum Leak Detector
for use on Buried
Piping- Valves-Flanges-Manifolds*



TLD5000

*Petroleum Leak Detector
for use on
Above Ground Storage Tanks
(AST)*



TLD3050

*Water & Petroleum
Leak Detector
for use on
Double Lined Tanks & Fuel Pits*



TLD5002

*Petroleum Leak Detector
for use on
Double Bottom
Membrane Lined AST*



- CONTINUOUS LEAK DETECTION FOR BURIED MANIFOLDS, PIPING, FLANGES, VALVES AND EXISTING ABOVE GROUND SINGLE-WALL FUEL STORAGE TANKS
- COMMONLY USED IN PETROLEUM TERMINALS, PIPELINES, TANK FARMS AND REFINERIES
- SENSES CRUDE, GASOLINE, DIESEL AND JET FUELS
- 0% FALSE ALARM RATE
- INTRINSICALLY SAFE
- BATTERY OPERATED

Ask about Applications for Remote and Unmanned Locations

SensorComm, Inc.

Economical

Safe

Simple  *TM*

Represented by:

Industrial Heater

2941 Kate Bond Blvd.
Suite 101

Bartlett, Tennessee 38033

Tel (888) 451-4328

Fax (901) 382-4766

PLD4000

TLD5000

TLD5002

TLD3050

TECHNOLOGY

The PLD4000, TLD5000, TLD5002, and TLD3050 are electronic hydrocarbon sensing probes, more particularly a self-contained, battery powered, hydrocarbon leak detector with visual alarm flasher, test circuit, external test plug and manual vapor sampling valve. When leaks occur the system allows hydrocarbon vapor or liquids to seep into the slotted PVC openings (Fig. 1) located under tank floors, buried valves or manifolds. As hydrocarbon vapor or liquid fuel comes in contact with the sensor, the sensor changes state from an open circuit to a closed circuit. When the circuit is closed the LED strobe will pulse flash, indicating alarm. The sensing units have 0% false alarm rate and are made for use in “real



(Fig. 1)

SPECIFICATIONS

Material(s): Non-Sparking PVC

Operating Temperature: 20°C to 49°C (-4°F to 120°F)

Enclosure: NEMA 4 - 4" x 4" x 4" (Typical)

Ratings: Intrinsically Safe

Sensing System: Digital Logic Controlled, 3 Wire/Conductive Polymer Jacket, covered with Fluoropolymer Braid, Non-Resettable

Supply Voltage: 3 Volts DC

Output Logic: Test, Sense, and Low Battery

Output Indication: LED Strobe / Vapor Ports / Continuity Receptacles

Optical Viewing Distances: 50' - Day / 2000' - Night

Vertical Riser Dia: 2" PVC Pipe

Vertical Riser Lengths: 5' up to 10' Long

Horizontal Screened Pipe Dia: 1" - 2" PVC Pipe

Horizontal Screened Sensor Lengths: 2' up to 300' Long

Represented by:

Industrial Heater

8400 Wolf Lake Dr.
Suite 116

Bartlett, Tennessee 38033

Tel (888) 451-4328

Fax (901) 382-4766

Ask about Applications for Remote and Unmanned Locations

SensorComm, Inc.

Economical

Safe

Simple  *TM*