

**Leak Detection System
Model: Leak Minder®™ LDA-1**

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Interstitial Leak Detection System for Doublewall Storage Tanks



Interstitial Leak Detection Control Box and Probe

System is designed and fabricated in a sturdy weathertight NEMA 4X enclosure. The system includes a single conductance probe with 16 feet of cable designed to be dropped to the bottom of the interstitial space of the tank. The system is mounted at the top of the tank with a 2" NPT connection providing a liquid tight seal at the enclosures base.



Installation

Installation is as simple as connecting 110 VAC power and wiring in the probe Assembly. You are up and running in no time!



Audible & Visual Alarms

Standard system is supplied with audible and visual alarms. As an option an auxiliary relay (Form C, NO/NC 5A @ 120 VAC) can be provided to connect to an external PLC or control system. When a leak is detected a single red strobe light will illuminate and a loud audible horn will activate (user can Silence) @ 95 dB. If the leak probe fails or becomes disconnected, the alarm light will go on solid.

Quick Specification

Each tank shall be installed with a leak detection system to detect liquids within the interstitial space between the primary and secondary tank. Leak detection control system shall be mounted in a NEMA 4X enclosure. The system shall include both audible and visual alarms, as well as a optional auxiliary relay output rated at 5A @ 120 VAC. The audible alarm shall have an output of approximately 95 dB at two week distance. A flashing strobe light shall be mounted at the bottom of the enclosure as well a button to silence the audible alarm. The leak detection probe shall be conductance type and be provided with 16 feet of interconnection cable. The leak detection system shall be Model Leak Minder®™ manufactured by JWB Company in the USA.