

Model LDA-1 LEAKMINDER®

INTERSTITIAL LEAK DETECTION SYSTEM

FOR DOUBLEWALL TANKS



Inside View



Leak Detection Probe

Interstitial Leak Detection Control Box and Probe

System is designed and fabricated in a sturdy weathertight NEMA 4X enclosure for indoor or outdoor installation.

The system includes durable PVC potted conductance probe and cable with 19 feet of cable designed to be dropped to the bottom of the interstitial space of the tank. *Designed with a proprietary built in failsafe, the system constantly monitors the probe for failure or disconnection and provides an alarm. Probe can be completely submerged.*

System can also be used as a standalone high level alarm.

The system is mounted at the top of the tank with a 2" NPT connection providing a liquidtight seal at the enclosure base. 110 VAC power or optionally, 24 VDC powered. A UL approved version is also available as a special order.

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, control system or alarm autodialer.

When a leak is detected a single red strobe light will flash and a loud, audible horn will activate (user can silence with integral silence button) @ 95 dB.

Installation is as simple as connecting 110 VAC or 24 VDC power and wiring in the probe assembly. You are up and running in no time!

🇺🇸 Manufactured in the USA. One year factory warranty. 🇺🇸

Specifications:

Power: 110 VAC or 24 VDC with slo blo fuse, less than 1 AMP draw
Enclosure Rating: NEMA 4X, 10" X 7" X 3.5"
Leak Probe & Cable: 19 feet/cable, conductance type, all PVC
Horn and silence: 95dB
Visual Alarm: Strobe light with red lens (approx, 1 HZ)
Process connection: 2" NPT with cable grip or user conduit connection
Options: -UL approved version (Model LDA-1-UL)
-NO/NC 5A relay output rated at 110 VAC (Model LDA-1-RLY)
-24 VDC powered version (Model LDA-1-24VDC)

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