



OMNTEC

Advanced Tank Monitoring & Leak Detection

LEAK & LEVEL DETECTION SYSTEM LU SERIES (NON METALLIC)

The OMNTEC LU Series is a leak detection and overfill alarm system designed to bring tank owners into compliance with applicable EPA and local regulations. It provides audible and visual alarm warnings for high, low, or leak conditions.



Sensors can be added for monitoring interstitial spaces, piping sumps, double-wall piping, dispenser pans, containment sumps, oil water separators and tank high level. Alarm conditions are identified by the controller, and optional low voltage remote high-level annunciators.

The system consists of a controller that is wall-mounted in a non-hazardous location and have sensors for monitoring product levels and leaks. Easy-to-read status is indicated by the controller's LED display lights.

COST EFFECTIVE LEAK & LEVEL DETECTION WITH FLEXIBILITY TO MEET YOUR NEEDS

FEATURES

- NEMA 4X weatherproof, corrosion-resistant
- Remote sensor testing
- Acknowledge/Test switch
- Power light
- Easily installed
- Low-voltage remote annunciator outputs
- Relay outputs (see specifications)
- LED indicators rated MTBF 11 years
- Specific sensor LED
- Inputs accept either high level, caution level, low level or leak sensors
- Removable sensor input connectors
- UL, cUL Listed
- Third-party certified
- Cost effective

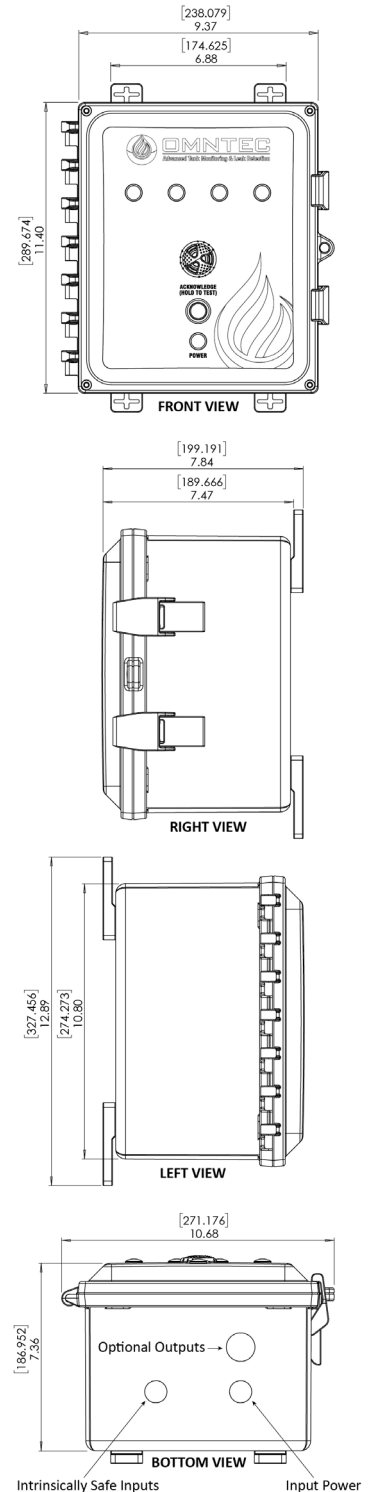
LEAK AND LEVEL DETECTION SYSTEM

LU SERIES

SPECIFICATIONS

Input Power	80-240 VAC; 47-63 Hz 30 W														
Channel Indicator Lights	Up to 4 LED Channel Indicators														
Audible Alarm	95 dB Piezoelectric Horn														
System Status	1 Power LED Indicator														
Relay Ratings (maximum)	5 relays (1 dedicated to LU horn, 4 for each sensor input) rated at 6 A @ 240 VAC / 30 VDC														
Operating Temperature	-40°F to 140°F (-40°C to 60°C)														
Compatible Sensors	<p>LS-ASC constructed of stainless steel for monitoring containment sumps, dispenser pans, interstice of double wall steel tanks, and other containment areas.</p> <p>PDS <i>(product distinguishing version)</i></p> <p>LWS constructed of stainless steel for monitoring the interstice of double wall steel tanks. Comes with 25' of cable.</p> <p>PDWS <i>(product distinguishing version)</i></p> <p>LWF Series sensor for monitoring the interstice of double wall fiberglass tanks.</p> <p>PDWF Series <i>(product distinguishing versions)</i></p> <p>LWF-PS pull string sensor for monitoring the interstice of double wall fiberglass tanks.</p> <p>L Series hi/lo level optic sensors.</p> <p>LF Series float switch sensors.</p> <p>OWI-1 single point oil/water interface sensor for hi oil level, used in oil/water separators, standard length 12.875".</p> <p>OWI-2 two point oil/water interface sensor for hi and caution oil level, used in oil/water separators, standard length 12.875".</p> <p>OWP-2 Two point sensor with one oil/water interface float and one liquid level float for hi oil and lo liquid level used in oil/water separators. Can be used in pump out applications.</p>														
Sensors Cable	OMNTEC EC-4 - 4 conductor 22 AWG shielded twisted pair cable with drain or equivalent. OMNTEC EC-2 (Belden 8761) - 2 conductor 22 AWG shielded twisted pair cable with drain.														
Accessories	RAS Series Remote Annunciators														
Enclosure Type	NEMA 4X (Non Metallic)														
Weight	9 lbs. (4.08 kg)														
Dimensions	(h) 12.89" (w) 10.68" (d) 7.84"														
Model Number	<p>LU</p> <p>CHANNEL LIGHT COLOR CODE</p> <table border="0"> <tr> <td>None</td> <td>All Red</td> </tr> <tr> <td>R</td> <td>Red</td> </tr> <tr> <td>A</td> <td>Amber</td> </tr> </table> <p>NUMBER OF CHANNELS</p> <table border="0"> <tr> <td>1</td> <td>One Channel</td> </tr> <tr> <td>2</td> <td>Two Channel</td> </tr> <tr> <td>3</td> <td>Three Channel</td> </tr> <tr> <td>4</td> <td>Four Channel</td> </tr> </table> <p>Example: LU4-RARR - 4 Channel with Red/Amber/Red/Red lights</p>	None	All Red	R	Red	A	Amber	1	One Channel	2	Two Channel	3	Three Channel	4	Four Channel
None	All Red														
R	Red														
A	Amber														
1	One Channel														
2	Two Channel														
3	Three Channel														
4	Four Channel														
Approvals	UL-listed, CUL-listed														

IMPORTANT: Specifications subject to change without notice, verify with manufacturer.



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