

## LU CONTROLLERS



**Single channel** liquid sensing audio/visual controller capable of accepting up to one single point L-Series sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). One normally open relay. Test push button and Acknowledge push button switches are standard. Type 4X enclosure standard.

LU1



**Two channel** liquid sensing audio/visual controller capable of accepting up to two single point L-Series sensors. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Two normally open relays. Test push button and Acknowledge push button switches are standard. Type 4X enclosure standard.

LU2



**Three channel** liquid sensing audio/visual controller capable of accepting up to three single point L-Series sensors. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Three normally open relays. Test push button and Acknowledge push button switches are standard. Type 4X enclosure standard.

LU3



**Four channel** liquid sensing audio/visual controller capable of accepting up to four single point L-Series sensors. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Two normally open relays. Test push button and Acknowledge push button switches are standard. Type 4X enclosure standard.

LU4



**Six channel** liquid sensing audio/visual controller capable of accepting up to six single point L-Series sensors. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). One normally open relay. Test push button and Acknowledge push button switches are standard. Type 4X enclosure standard.

LU6



**Nine channel** liquid sensing audio/visual controller capable of accepting up to nine single point L-Series sensors. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Test push button and Acknowledge push button switches are standard. Type 4X enclosure standard.

LU9

## L-SERIES SENSORS



Sensor for **high liquid level**. Mounts via 2" NPT at top of tank. Standard sensor examples:

L-1-S (12 inch sensor)

L-1-L (20 inch sensor)

L-1-D (For other sensor lengths, "D" must be specified by user)

L-1-S

L-1-L

L-1-D



**Two point liquid level sensor**. Mounts via 2" NPT at top of tank. For use in high / caution level applications when used with LU-series controller. (a" denotes high level dimension and b" denotes caution level dimension from the bottom of the sensor bushing.) Dimensions must be specified by user.

L-2-S

up to & incl. 36"

L-2-L

Above 36"

up to & incl. 118"



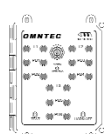
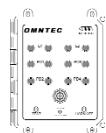
Sensor for monitoring containment **sumps, dispenser pans, the interstice** of steel tanks and other containment areas.

LS-ASC



Sensor for monitoring the **dry interstice of double-wall fiberglass** tanks. Please select the appropriate part number based on the tanks diameter in feet and specify tank manufacturer.

LWF-\*



<b>LPD CONTROLLERS</b>	
<b>For Liquid Product Distinguishing Leak Detection and / or Overfill Alarming</b>	
<p><b>Three channel</b> liquid product distinguishing audio/visual controller capable of accepting up to three L-Series or three PD-Series sensors. Low voltage outputs standard for RA-Series remote audio/visual annunciation. Comes standard with three normally open relays. Test push button and Acknowledge push button switches, type 4X enclosure standard.</p>	L1PD2
<p><b>Six channel</b> liquid product distinguishing audio/visual controller capable of accepting up to six L-Series or six PD-Series sensors. Low voltage outputs standard for RA-Series remote audio/visual annunciation. Comes standard with two normally open relays. Test push button and Acknowledge push button switches, type 4X enclosure standard.</p>	L2PD4
<p><b>Nine channel</b> liquid product distinguishing audio/visual controller capable of accepting up to nine L-Series or nine PD-Series sensors. Low voltage outputs standard for RA-Series remote audio/visual annunciation. Comes standard with three normally open relays. Test push button and Acknowledge push button switches, type 4X enclosure standard.</p>	L3PD6
<b>PD-SERIES SENSORS</b>	
<p><b>Product distinguishing</b> sensor for monitoring the <b>dry interstice of double-wall fiberglass</b> tanks. Please select the appropriate part number based on the tanks diameter in feet and specify tank manufacturer.</p>	PDWF-4 PDWF-6 PDWF-8 PWDF-10
<p>Sensor for monitoring <b>double wall steel interstice</b>.</p>	PDWS
<p><b>Product distinguishing</b> sensor for monitoring containment <b>sumps, dispenser pans</b> and other containment areas.</p>	PDS
<p>Sensor for <b>reservoir</b> of double wall fiberglass tank.</p>	L-R-1
<p>Sensor for high liquid level. Mounts via 2" NPT at top of tank. Standard sensor examples:            L-1-S (12 inch sensor)            L-1-L (20 inch sensor)            L-1-D (For other sensor lengths, "D" must be specified by user)</p>	L-1-S L-1-L L-1-D
<p><b>Two point liquid level sensor.</b> Mounts via 2" NPT at top of tank. For use in high / caution or high / low level applications when used with LPD-series controller. (<u>a</u>" denotes high level dimension and <u>b</u>" denotes caution or low level dimension from the bottom of the sensor bushing.) Dimensions must be specified by user.</p>	L-2-S up to & incl. 36" L-2-L Above 36" up to & incl. 118"
<b>BATTERY BACK-UP</b>	
<p>LU and LPD audio/visual controller with battery back-up capability. Certain remote output functions are changed in some models to accommodate this feature. All SP7 controllers require a BB5.OAH to allow systems to operate during power outages.</p>	LU1-SP7 LU2-SP7 LU3-SP7 LU4-SP7 LU6-SP7 LU9-SP7 L1PD2-SP7 L2PD4-SP7 L3PD6-SP7
<p><b>Battery back-up enclosure</b> - used with SP7 controllers.</p>	BB5.OAH

## LU-OW CONTROLLERS



<b>LU-OW CONTROLLERS</b>	
<p><b>Single channel</b> high oil level audio/visual controller capable of accepting one single point OWI-1 sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). One normally open relay, test push button, acknowledge push button and type 4X enclosure standard.</p>	LU1-OW
<p><b>Two channel</b> high level audio/visual controller capable of accepting up to two single point OWI-1 sensors or one OWI-2 sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Two normally open relays, test push button, acknowledge push button and type 4X enclosure standard.</p>	LU2-OW
<p><b>Two channel</b> (high oil level with pump out capability) audio/visual controller capable of accepting one OWP-2 sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Two normally open relays, test push button, acknowledge push button and type 4X enclosure standard.</p>	LU2-OWP
<p><b>Two channel</b> (combination leak sensing/high oil level) audio/visual controller capable of accepting one OWI-1 sensor and one leak sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Three normally open relays, test push button, acknowledge push button and type 4X enclosure standard.</p>	LU2-OWIR
<p><b>Three channel</b> (combination leak sensing/high oil level) audio/visual controller capable of accepting one OWI-2 sensor and one leak sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Two normally open relays, test push button, acknowledge push button and type 4X enclosure standard.</p>	LU3-OWIR
<p><b>Three channel</b> (combination leak sensing/high oil level with pump out capability) audio/visual controller capable of accepting one OWP-2 sensor and one leak sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Two normally open relays, test push button, acknowledge push button and type 4X enclosure standard.</p>	LU3-OWPR
<b>LU-OW SENSORS</b>	
<p><b>Single point oil/water interface sensor</b> for use in oil/water separator.</p>	OWI-1
<p><b>Two point oil/water interface sensor</b> for use in oil/water separator.</p>	OWI-2
<p><b>Two point sensor</b> with one oil/water interface float and one liquid level float for use in oil/water separator. Can be used in pump out applications.</p>	OWP-2



## REMOTE ANNUNCIATORS



<b>REMOTE ANNUNCIATORS</b>	
<p><b>Low voltage remote high level audio/visual annunciator.</b> Dash number denotes number of tanks. (RA-1 means one tank, one light, etc.)</p>	RA-1 RA-2 RA-3 RA-4
<p><b>Low voltage remote high level audio/visual annunciator.</b> NYS model has high-intensity strobe and high-decibal horn.</p>	RA-1-NYS



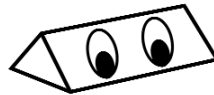
<b>61LU CONDUCTIVITY CONTROLLERS</b>	
<p><b>Single channel</b> audio/visual conductivity controller capable of accepting one conductivity sensor input. Type 4X enclosure standard.</p>	61LU1
<p><b>Two channel</b> audio/visual conductivity controller capable of accepting two conductivity sensor inputs. Type 4X enclosure standard.</p>	61LU2
<p><b>Three channel</b> audio/visual conductivity controller capable of accepting three conductivity sensor inputs. Type 4X enclosure standard.</p>	61LU3
<p><b>Four channel</b> audio/visual conductivity controller capable of accepting four conductivity sensor inputs. Type 4X enclosure standard.</p>	61LU4
<b>61 CONDUCTIVITY SENSORS</b>	
<p>Single point stainless steel conductivity high level sensor. 12" and 20" standard lengths.</p>	61O-SS
<p>Two point stainless steel conductivity sensor for high/caution levels. Alarm points to be specified by user.</p>	61OL
<p>Stainless steel conductivity sump sensor.</p>	61S-SS
<p>Stainless steel conductivity sensor for the dry interstice of a doublewall steel tank.</p>	61WS-SS
<p>Conductivity sensor for the dry interstice of a doublewall fiberglass tank.</p>	61WF-SS
<b>LU-SP CONTROLLERS</b>	
<p><b>Two channel</b> liquid sensing audio/visual controller capable of accepting one L-R-1, or, one L-2 series sensor for high / low operation. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Two normally open relays. Test push button and Acknowledge push button switches, type 4X enclosure standard.</p>	LU2-SP1
<p><b>Three channel</b> liquid sensing audio/visual controller capable of accepting one L-R-1, or, one L-2 series sensor for high / low operation and one L-series sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Three normally open relays. Test push button and Acknowledge push button switches, type 4X enclosure standard.</p>	LU3-SP1
<p><b>Four channel</b> liquid sensing audio/visual controller capable of accepting one L-R-1, or, one L-2 series sensor for high / low operation and two L-series sensors. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Two normally open relays. Test push button and Acknowledge push button switches, type 4X enclosure standard.</p>	LU4-SP1
<p><b>Six channel</b> liquid sensing audio/visual controller capable of accepting one L-R-1, or, one L-2 series sensor for high / low operation and four L-series sensors. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). One normally open relay. Test push button and Acknowledge push button switches, type 4X enclosure standard.</p>	LU6-SP1
<p><b>Nine channel</b> liquid sensing audio/visual controller capable of accepting one L-R-1, or, one L-2 series sensor for high / low operation and seven L-series sensor. Low voltage outputs standard for optional RA-Series remote audio/visual annunciator(s). Test push button and Acknowledge push button switches, type 4X enclosure standard.</p>	LU9-SP1
<p><b>PUMP CONTROLS:</b> Available for duplex, alternating and lead lag pumps. Panels may include relay contacts for pump control and remote annunciation, disconnect switches, pump failure and running indicators, tank selector switches, hands off auto switches, motor starters, local alarm horn and lights. Please consult factory for pricing information.</p>	



<b>REMOTE RELAYS</b>	
<b>Relay(s)</b> - SPDT dry contact(s), rated at 120VAC, 5 amps resistive. Relay(s) housed in a NEMA 4X enclosure. Last number denotes number of relays. Interfaces with LU and LPD low voltage remote outputs.	RLY-RA-1 RLY-RA-2 RLY-RA-3 RLY-RA-4 RLY-RA-6
<b>Solar</b> powered panels. Consult factory	SLR-PS
<b>OTHER ACCESSORIES</b>	
<b>1.25" sensor for liquid detection</b> only. Designed to detect liquid in sumps or containment areas and interstitial space for steel double wall tanks. Additional materials of construction and compounds available.	LS-ASC-1.25
<b>PVC Sensor for liquid detection</b> only. Designed to detect liquid in sumps or containment areas, and interstitial space for steel double wall tanks. Additional materials of construction and compounds available.	LS-ASC-PVC
Single point <b>float sensor</b> . 12" standard length. Consult factory for multiple float sensors and additional lengths.	LF-1
<b>Stainless steel</b> single point <b>float sensor</b> . 12" and 20" standard lengths. Consult factory for multiple float sensors and additional lengths.	LF-1-SS
Battery operated high level. Include (1) L-1-S or (1) L-1-L sensor.	BOA
Battery operated reservoir sensor. (1) L-R-1 sensor.	XBR
Battery operated dry interstitial sensor. (1) LS-ASC or LWF-* sensor.	XBR-D
One tank LED display for continuous level indication. Two tank LED display for continuous level indication. Three tank LED display for continuous level indication.	ELPT-1 ELPT-2 ELPT-3
Pressure transducer up to 10 ft with polyurethane cable. For lengths over 10ft consult factory	PT-10-P
Pressure transducer up to 10 ft with Tefzel® cable. For lengths over 10ft consult factory	PT-10-T
Ultra sonic probe up to 15ft	US-1
Intrinsically safe barrier for use with ELPT displays	PT-ISB
<b>Vented 4" riser cap</b> for use with brine filled interstice.	VC-1
<b>Universal</b> audio/visual <b>remote annunciator</b> , 12VDC, 120VAC, or dry contact input. Strobe light, test push button and acknowledgement switch.	UR-1
Sealing Kit for sensor and probe connections.	SK-3
<b>Universal Sump Float Sensor</b> . Designed to detect liquids in piping and dispenser sumps. Interfaces with most control panels. Consult factory for compatible controllers.	LSF
<b>Universal Reservoir Float Sensor</b> . Sensor for reservoir of double wall fiberglass tank. Interfaces with most control panels. Consult factory for compatible controllers.	LRF
Voice Auto Dialer. Up to (2) dry contact closures.	AD-8-1
<b>Cable:</b> (Minimum order - 1000ft) - Four conductor #22 AWG with shield and drain. PVC jacketed UL-E11717 - Twelve conductor #22 AWG with shield and drain. PVC jacketed UL-E11717	EC-4 EC-12
Monitoring well sensor. Contact factory for compatible controllers.	PDWL
Sensor for monitoring hydrocarbon vapors. Contact factory for compatible controllers.	VS-1

**ELECTRONIC LEAK DETECTION SYSTEMS PARTS LIST**

**LIQUID LEVEL &  
LEAK DETECTION  
PARTS LIST**



*We see leaks!*

**CONDITIONS OF SALE**

OMNTEC products are to be installed according to current installation instructions of OMNTEC Mfg., Inc. Local codes may also apply and must be consulted by buyer. The proper handling, installation and care of these products are the sole responsibility of the purchaser and any loss or damage resulting from improper installation, handling or care shall not be the responsibility of OMNTEC Mfg., Inc.

**All orders are subject to the TERMS AND CONDITIONS AS STATED BY OMNTEC MFG., INC.**

All quantitative statements are approximates.

**SHIPPING TERMS**

**F.O.B. Manufacturing Plant:**  
Ronkonkoma, New York

**Freight invoiced to customer.  
Seller's Routing**

**Minimum order – \$100.00.**

**Prices subject to change without notice.**

**Payment terms:**  
**Net 30 days upon credit approval.**

**Taxes not included.**

