

PART NUMBER:

LU1-OW
 LU2-OW
 LU2-OWP
 LU2-OWIR
 LU3-OWIR
 LU3-OWPR



Description

OMNTEC's LU-OW controllers are designed to be used with oil/water separators. These audio-visual controllers monitor oil/water separators for the accumulation of oil to ensure that the oil level does not reach a dangerous volume and mix with the effluent water. The controllers are activated by float sensors, which are set by the user to match operational and site conditions. These controllers are easily tested and have an acknowledge switch on the control panel.

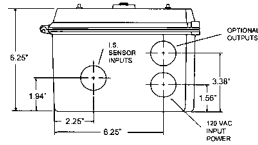
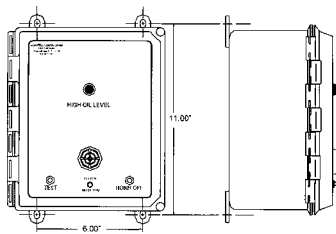
The LU-OW product line is designed to fit a variety of sensor combinations. LU-OW controllers are high-oil-level controllers. LU-OWP controllers are high-oil-level controllers with pump-out capability. LU-OWIR controllers are combination leak-sensing, high-oil-level controllers. The LU-OWPR is a combination leak-sensing, high-oil-level controller with pump-out capability.

The NEMA 4X rating of the LU-OW controllers indicates a weatherproof, corrosion-resistant product. The LU-OW controllers are ruggedly constructed to provide reliable and cost-effective performance.

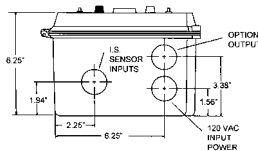
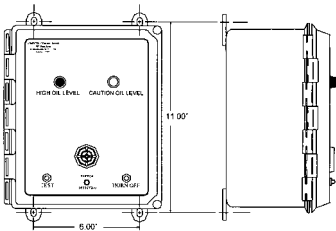
Features

- NEMA 4X weatherproof, corrosion-resistant
- Easily installed
- Low-voltage remote annunciator outputs
- Relay outputs
- LED indicators rated MTBF 11 years
- Specific sensor display
- Removable sensor input connectors
- Automatic pump-out (LU-OWP and U-OWPR)
- U.L. listed
- Cost-effective
- Modified controllers for special applications

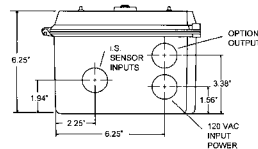
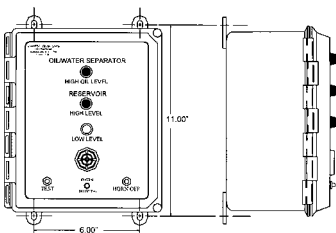
LU1-OW



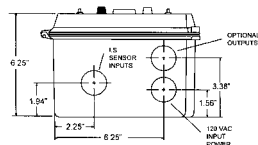
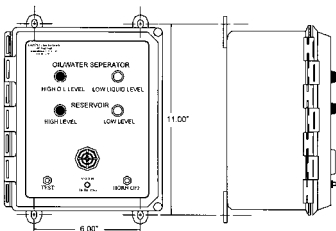
LU2-OW



LU2-OWIR



LU3-OWPR



Specifications

Enclosure:	NEMA 4X
Power Input:	85-125 VAC, 47-440 Hz 16 watts maximum
Power to Sensor:	Intrinsically safe for Class I, Group D hazardous locations
Sensor Cable:	Shielded 22 AWG with drain wire Maximum length 2,000 feet
Audio-visual Controls:	
Audible alarm:	95 dB pulsing horn
Red lights:	High-oil-level alarm High-reservoir-level alarm Hydrocarbon-leak alarm
Amber lights:	Low-liquid-level alarm Low-reservoir-level alarm Water-leak alarm Caution-oil-level alarm
Green light:	Power is on (system detecting)
Horn-off button:	Silences horn
Response Time:	Immediate
Relay Outputs:	SPST normally open dry contact 1.25 amp, 120 VAC Switches when an alarm condition occurs
Low-voltage Outputs:	12 VDC
Operating Temperature:	0 to 140° F
Compatible Sensors:	OWI-1 Single-point oil/water interface sensor (LU1-OW, LU2-OW, LU2-OWIR) OWI-2 Dual-point oil/water interface sensor (LU2-OW, LU3-OWIR) OWP-2 Dual-point pump-out sensor (LU2-OWP, LU3-OWPR) L-R-1 Reservoir sensor for double-wall fiberglass tanks (LU2-OWIR, LU3-OWIR, LU3-OWPR) PDWF Leak sensor for double-wall tanks (LU2-OWIR, LU3-OWIR) PDWS Leak sensor for double-wall tanks (LU2-OWIR, LU3-OWIR) PDS Leak sensor for double-wall tanks (LU2-OWIR, LU3-OWIR)
Accessories:	RA-1* RA-2* RA-3* RA-4* RA-NYS
<i>*Number denotes number of alarms.</i>	
Weight:	LU1-OW—5 lb. LU2-OW—6 lb. LU2-OWP—6 lb. LU2-OWIR—6 lb. LU3-OWIR—6 lb. LU3-OWPR—6 lb.
Approvals:	U.L. listed 5L04

Note: Current published specifications are subject to change without notification. Verify specifications with manufacturer.

For technical information:



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