

Dual Input

specs

# High Level Alarm Monitor

## Centeron Wireless Tank Monitoring System

Centeron Alarm Monitors sense fluid level and immediately transmit an alarm signal when a set point level is reached. The Dual Input High Level Alarm Monitor is specifically designed to provide two alarms for added protection against overfills. Use it with the Centeron Alarm Console to generate an immediate audible and visual alarm, or to automatically shut down the dispensing pump. Just reset the console after the first alarm and the monitor will transmit again when the second limit is reached to re-activate the alarm. The monitor also communicates with any standard Centeron Controller so the alarm status can be accessed at any remote location with Internet access.

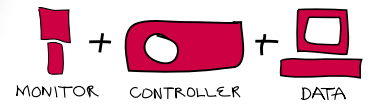
- Completely wireless and battery powered
- No calibration required
- Monitor transmits immediately whenever a switch event occurs
- Monitor transmits at a regular interval to validate operation
- Suitable for fuels and lubricants. Float assemblies for additional fluids are available
- Magnetically mounted monitor for easy installation

### Specifications:

- Temperature range: -40° C to + 80° C
- UL 50, Type 3 environmentally sealed enclosure
- 5-year battery life with 4 hour transmit interval
- Low battery indication
- Radio range: 1-mile line of sight, 500 feet obstructed
- Radio complies with FCC Part 15
- ETL/cETL listed: Intrinsically safe for use in Class I, Division 1, Group D hazardous locations

### The Centeron System

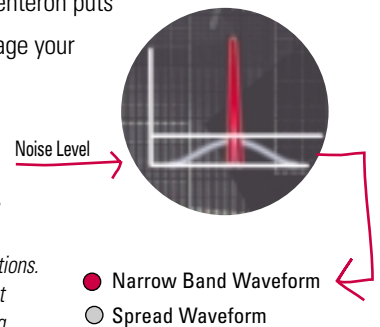
We start with the monitor. It's wireless, so no special know-how or tools are needed to install it. It's powerful, too. Our DSSS radio technology is far superior to the narrow bandwidth radios found



in other wireless systems. That means the alarm signal gets through even in the harshest environments.

The alarm monitor sends its message to the Centeron Alarm Console to sound a local warning for delivery personnel. Or, the message can also be sent to a Centeron Controller for posting on the Centeron Data Center. From there, an e-mail, text message or fax can be sent to alert you wherever you are.

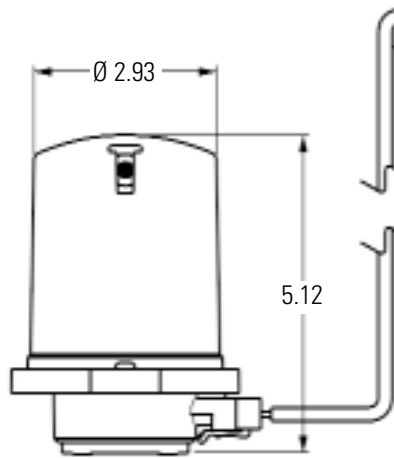
Just think what that means to your business. You can eliminate the fear of costly overfills or undetected leaks. Eliminate manual monitoring of your tanks during every fill. Eliminate the need for manual leak inspections. Let Centeron do it for you 24/7. Centeron puts you in control so you can manage your business better.



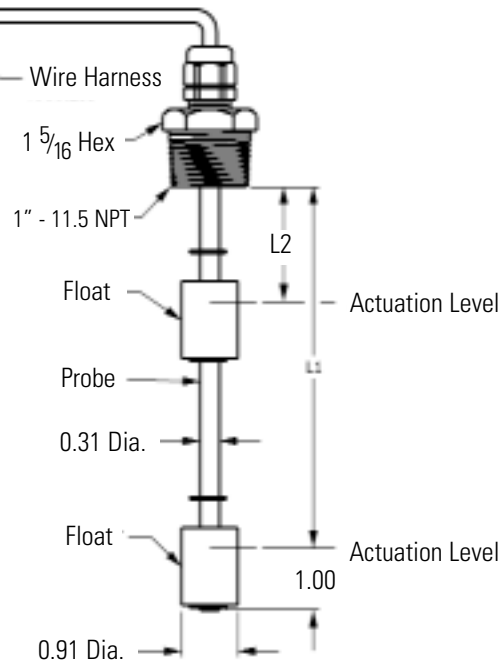
*Exceptional DSSS radio technology is superior to narrow band systems, resulting in more reliable communications. So advanced, it's already the recipient of 12 patents, with additional pending.*

# Centeron®

The World's No. 1 Wireless Tank Monitoring System



SM High Level Alarm Monitor



FDL Float Switch Assembly

Table 1			
Horizontal Tank, 90% and 95% Sw. Pts.			
P/N	Tank Dia. (in)	L <sub>1</sub> (in) 90%	L <sub>2</sub> (in) 95%
048H	48	7.5	4.7
054H	54	8.5	5.3
060H	60	9.4	5.8
066H	66	10.3	6.4
072H	72	11.3	7.0
084H	84	13.1	8.2
096H	96	15.0	9.3

Table 2				
Vertical Tank, 90% and 95% Sw. Pts.				
P/N	Tank Height (in)	Tank Height (ft)	L <sub>1</sub> (in) 90%	L <sub>2</sub> (in) 95%
120V	120	10	12	6
180V	180	15	18	9
240V	240	20	24	12
300V	300	25	30	15
360V	360	30	36	18
420V	420	35	42	21
480V	480	40	48	24
540V	540	45	54	27

High Level Alarm Monitor P/N Key										
		0	6	0	60 Minute transmit interval					
		1	2	0	120 Minute transmit interval					
		2	4	0	240 Minute transmit interval					
S	M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	0	0	0	0	F 9 0 0

Dual Float Switch Assembly P/N Key											
					See table 1 or 2 for P/N						
					0	5	5 ft. wire harness length				
					1	0	10 ft. wire harness length				
					B	0	Brass Probe Assy.				
					S	0	Stainless Steel Probe Assy.				
							0	1	Buna N Float		
							0	2	SS Float		
F	D	L	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0 0

ETL/cETL Marked Intrinsically Safe apparatus for use in Class I, Division 1, Group D hazardous locations, conforming to ANSI/UL913 and CAN/CSA C22.2 No. 157.

FCC Part 15 Registered: NU9TX0669-0110.

This device is manufactured by Robertshaw Controls Company, in Maryville, TN USA under the following US Patents: 4,977,577; 5,067,136; 5,119,396; 5,265,120; 5,406,217; 5,547,713; 4,581,606; Patents pending in the US and other countries.



U.S.A. – Robertshaw Industrial Products  
 1602 Mustang Drive, Maryville, Tennessee 37801  
 Tel Sales: 800-237-7429 Technical Support: 865-981-3118  
 www.robertshawindustrial.com • www.centeron.net