



Pressure Monitor

Centeron Wireless Tank Monitoring System

Centeron Pressure Monitors accurately measure tank product levels in vented vessels, and send data to a Centeron controller using robust Direct Sequence Spread Spectrum (DSSS) wireless technology. The Pressure Monitor is a simple, cost-effective solution for remote level measurement in medium to large storage tanks up to 40 ft. or more in height.

- Suitable for a wide variety of fluids including hydrocarbons, chemicals and water/wastewater
- Installs easily in minutes
- No calibration required
- Low maintenance
- Wireless communication and battery power eliminate costly electrical wiring required by traditional tank measurement systems
- Submersible and external tank mounted sensors

Specifications:

- Measurement range: 44 feet
- Accuracy: +/- 1% at +25C
- Unobstructed Range: 1 mile
- Obstructed Range: 500 ft.
- 3 year battery life, low battery indicator
- Operating temperature range: -40C to +80C (-40F to +176F)
- Compensated temperature range: -20C to +75C (-4F to +167F)
- ETL/cETL certified intrinsically safe for use in Class I, Division 1, Group D Hazardous Locations
- FCC Part 15 approved
- NEMA 4 Enclosure

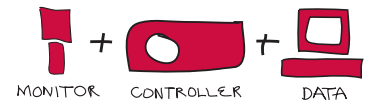
The Centeron System

We start with an easy to install monitor. It's wireless, so no special know-how or tools are needed. It's powerful, too. Our DSSS



radio technology is far superior to the narrow bandwidth radios found in other wireless systems. That means you receive your data even in the harshest environments.

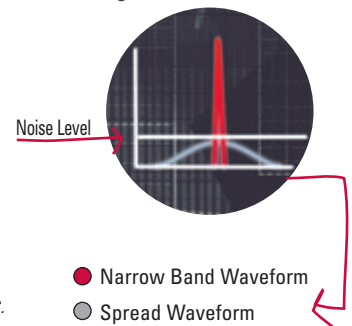
The monitor sends the tank level data to the controller. The con-



troller collects the data then sends it to the Centeron Data Center. From there, you can retrieve your info anytime, wherever you are.

Just think about what that information can mean to your business. An up-to-date, accurate account of tank level allows you to deliver your product when it needs to be delivered. Centeron puts you in control so you can manage your business better.

Call 1-865-981-3118 and speak directly to a Robertshaw applications engineer.

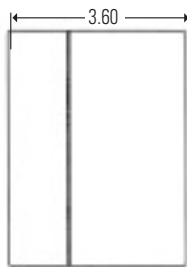
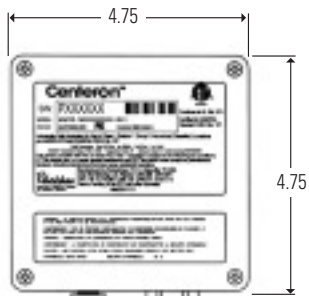


Exceptional DSSS radio technology is superior to narrow band systems, resulting in more reliable communications. So advanced, it's already the recipient of 12 patents, with additional pending.

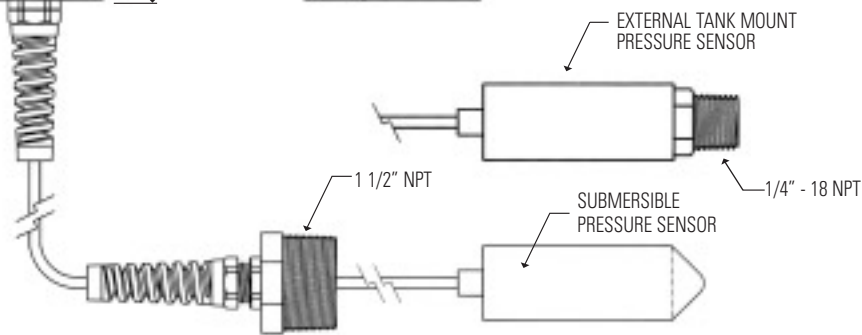
- Narrow Band Waveform
- Spread Waveform

Centeron®

The World's No. 1 Wireless Tank Monitoring System



DIMENSIONS ARE IN INCHES AND ARE FOR REFERENCE ONLY



Pressure Monitor											
	0	3	30 Minute transmit interval								
	0	6	60 Minute transmit interval								
	1	2	120 Minute transmit interval								
	2	4	240 Minute transmit interval								
↓	0	Without transmit switch									
	S	With transmit switch									
	↓	1	3	2	11 ft. or less tank height						
		2	0	4	12 to 17 ft. tank height						
		2	7	6	18 to 23 ft. tank height						
		3	6	0	24 to 30 ft. tank height						
		4	4	4	31 to 37 ft. tank height						
	5	2	8	38 to 44 ft. tank height							
	↓	0	Normal length cable								
		1	Extra length cable								
↓		0	1	Hydrocarbon applications							
	0	2	Chemical applications								
↓	0	Submersible sensor									
	A	Tank mount sensor									
	↓										
P	M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F 9	<input type="checkbox"/>

ETL/cETL Marked Intrinsically Safe apparatus for use in Class I, Division 1, Group D hazardous locations, conforming to ANSI/UL 913 and CAN/CSA C22.2 No. 157.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15 Registered: NU9TX0625-0300

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; 5,408,217; 4,581,606; Patents pending in the US and other countries.

Robertshaw

Industrial Products

U.S.A. – Robertshaw Industrial Products

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Centeron

Take it to a new level.