

RF/Capacitance Monitor

Centeron Wireless Tank Monitoring System

Centeron monitors accurately measure tank fluid levels and send information to Centeron controllers via robust wireless data links. The Capacitance Monitor is self-calibrating, automatically adjusts for changes in fluid dielectric, and has water bottom detection for leak monitoring.

- Completely wireless
- Easy to install
- Self-calibrating
- Water bottom detection
- Low maintenance
- Eliminates costly electrical wiring

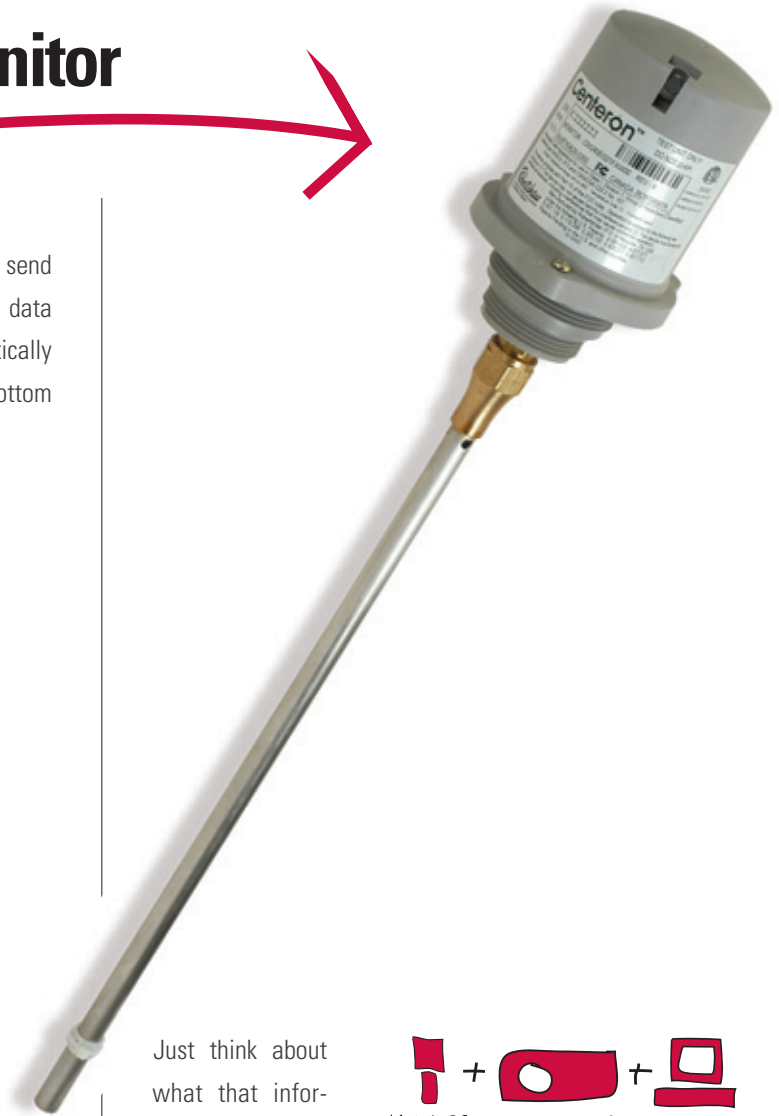
Specifications

- Measurement range: 10 ft.
- Accuracy: +/- 1%
- Temperature range: -40°C to +80°C
- UL50, 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

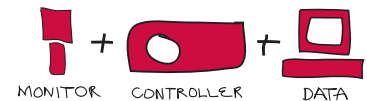
The Centeron System

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



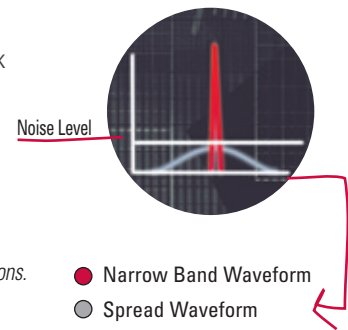
Just think about what that information can mean



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.

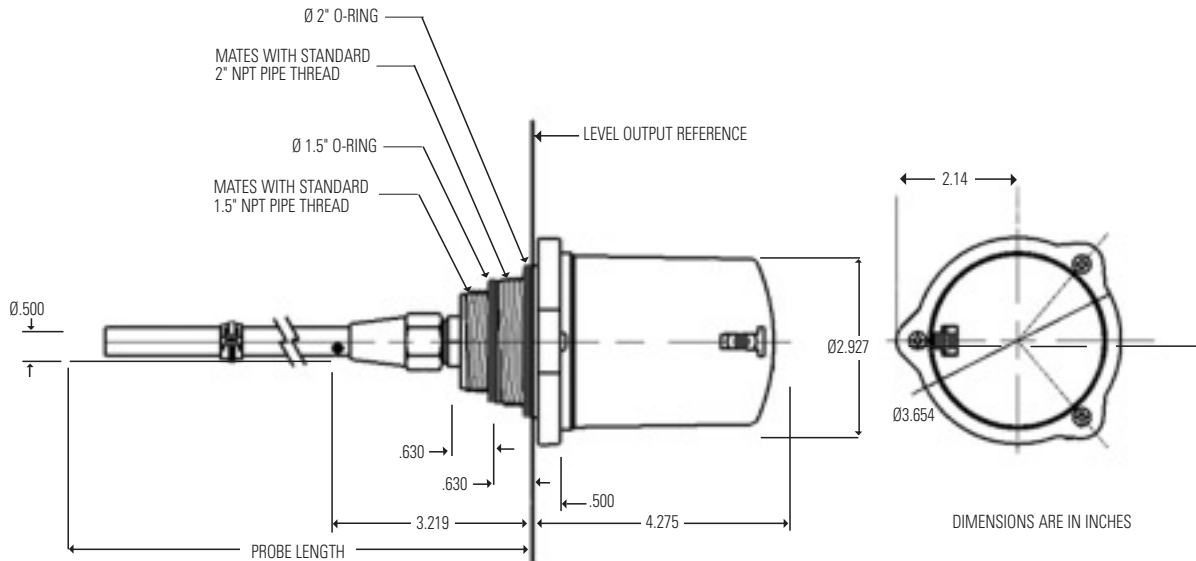
Exceptional DSSS radio technology is superior to narrow band systems, resulting in more reliable communications. So advanced, it's already the recipient of 12 patents, with additional pending.



- Narrow Band Waveform
- Spread Waveform

Centeron®

The World's No. 1 Wireless Tank Monitoring System



Capacitance Monitor									
	0	3	0	30 Minute transmit interval					
	0	6	0	60 Minute transmit interval					
	1	2	0	120 Minute transmit interval					
	2	4	0	240 Minute transmit interval					
				0	3	6	36" Probe		
				0	4	6	46" Probe		
				0	6	2	62" Probe		
				0	7	0	70" Probe		
				0	9	4	94" Probe		
				1	2	0	120" Probe		
							W	Water-bottom detection on	
							0	No water-bottom detection	
C	M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					F	9	<input type="checkbox"/>	0	0

ETL Marked Intrinsically Safe apparatus for use in Class I, Division I, 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; 5,406,217; 5,457,713; 4,581,606; Patents Pending in the US and other countries.

Robertshaw
Industrial Products

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