

Switch Monitor

Centeron Wireless Tank Monitoring System

The Centeron Switch Monitor can be used with many types of switches. The monitor transmits immediately whenever a switch event occurs. It has the capacity to handle two independent switches, so it can be used for low/low, high/high or high/low event monitoring. Use it with the Centeron Alarm Console to generate an immediate audible and visual alarm, or to control an external relay. The Switch Monitor also communicates with the standard Centeron Controller so its status is available at any remote location. It's perfect for use with position, pressure or temperature switches.

- Completely wireless. No costly electrical wiring is required
- No calibration required
- Monitors one or two switches independently
- Transmits immediately whenever a switch event occurs
- Transmits at a regular interval to validate operation
- Magnetically mounted for easy installation

Specifications:

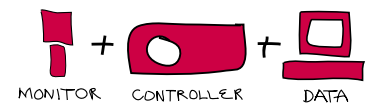
- Temperature range: -40° C to +80° C
- UL 50, Type 3 environmentally sealed enclosure
- 5-year battery life with 4 hour transmit interval
- Low Battery indication
- Radio range: 1-mile line of sight, 500 feet obstructed
- Radio complies with FCC Part 15
- ETL/cETL listed: Intrinsically safe for use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

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.

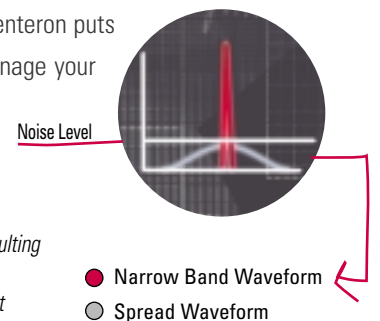


The Switch Monitor sends its message to the Centeron Alarm Console to sound a



local alarm when preset limits are exceeded. 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. Your on-site personnel are immediately notified to take corrective action whenever an out of spec condition occurs, potentially preventing downtime and lost revenue. And you have remote access to the same information to help manage your business 24/7. Simply put, Centeron puts you in control so you can manage your business better.

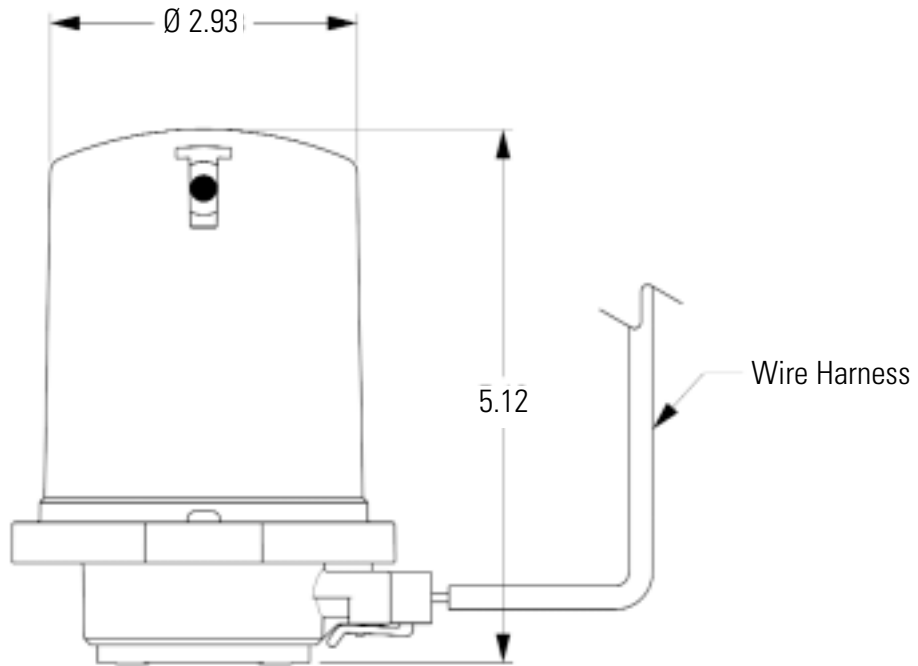


Exceptional DSSS radio technology is superior to narrow band systems, resulting in more reliable communications. So advanced, it's already the recipient of 12 patents, with additional pending.

Centeron®

The World's No. 1 Wireless Tank Monitoring System

Switch Monitor



Switch Monitor ¹ 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"/>	E	0 0 0 F 9 0 W

¹The Switch Monitor is provided with a 10-foot wire harness assembly with the mating electrical connector.

¹Use a sealed switch with gold bifurcated contacts only.

¹For intrinsically safe operation, the switch must be connected to the monitor only, with no external power applied across the switch terminals.

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.

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

Robertshaw
Industrial Products

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