

Centeron Encompass RF Monitors

Propane
Monitor



Radar Monitor



Float Monitor



Pressure
Monitor



Centeron Encompass has four types of tank level monitors to choose from — Propane, Radar, Float, and Pressure monitors. Tanks from 9 in to over 50 ft deep can be monitored. All monitors have UL 913 and CAN/CSA C22.2 No. 157 certifications for use in Class I, Division 1, Group D hazardous locations.

NEW Encompass monitors feature a new protocol which has built-in features to **improve wireless network performance. Monitors detect set-point crossings quicker and support new “poll now” feature that can allow you to check tank levels in real time.** They are also now **over the air upgradeable**, so as new features are added to the Centeron Encompass system your devices can be updated.

Each monitor features easy installation, a rugged enclosure, and long battery life to deliver excellent performance. Level set-points, alarms, and schedules can be set in Centeron WebView and passed down to the monitors. Centeron Encompass — simply the right choice for your monitoring needs.

Features

- Approved for use in flammable liquids
- Flexible reporting schedule
- End of month reports
- Alarming
- E-mail, fax, and text-message alerts
- Automatic fill detection
- Battery strength indicator

CENTERON
is part of

Schneider
Electric

An ISO 9001-2008 Certified Company

Centeron®
Encompass

THE CENTERON SYSTEM

The Centeron System combines robust tank monitoring equipment, market leading OptiFill tank fill optimization software, and Dispatch Compass routing and dispatching software to provide a complete set of tools to dramatically improve the productivity of any liquid distribution business.

Our wireless tank monitoring equipment is unmatched in breadth of product, radio strength, and reliability. The system can communicate via cellular or Ethernet to ensure the best solution for any application.

OptiFill enables you to unlock the power of your wireless tank monitoring system. This delivery optimization software allows you to achieve maximum fills on every delivery, even difficult multi-tank locations.

Dispatch Compass is designed specifically for the liquid distribution business and easily schedules the most efficient routes for any combination of bulk, multi-compartment, packaged goods, or combo trucks.

With these powerful tools in place, any fleet will travel fewer miles in less time for less cost than ever before. And with higher levels of efficiency, you can service more customers and generate more profits without adding additional trucks or drivers.

Technical specifications

	Pressure	Radar	Float	Propane
Accuracy	+/- 1%	+/- 0.5%	+/- 5%	+/- 5%
Battery Life	EITHER 5 year battery life with 10 minute transmit interval OR 8 year battery life with 1 hour transmit interval			
Max Tank Depth	50 ft.	20 ft.	8 ft.	
Enclosure	NEMA 4 Enclosure	UL 50 Type 3	UL 50 Type 3	UL 50 Type 3
Mounting	1 ½" & 2" NPT	1 ½" & 2" NPT	Magnetic	Magnetic
Operating Temperature	-40C to +80 *in non-freezing fluid	-30C to +60C		
Radio Range	1 mile line of sight, 500 feet obstructed			
Radio Approval	FCC Part 15 approved			
Safety Approvals	ETL/cETL Listed: Intrinsically safe for use in Class 1, Division 1, Group D hazardous locations			