

# Centeron LevelTrack Radar Monitor



## THE SCHNEIDER ELECTRIC SOLUTION

The Schneider Electric system combines robust tank monitoring equipment, market-leading Centeron OptiFill tank fill optimization software, and Centeron 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, satellite technology, and reliability. The system can communicate globally to ensure the best solution for any application.

Centeron 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.

Centeron 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.

The Centeron LevelTrack Radar Monitor is rated for applications requiring ATEX approval, so you can be sure it's safe to use in demanding environments. The Centeron LevelTrack monitor is paired with a BLE satellite communication device providing global communication capability. With this global capability, the solution is perfect for locating the asset being monitored. Like other Schneider Electric products, its ease of installation, long battery life, and rugged enclosure assure a long life of excellent performance.

**Centeron LevelTrack: Simply the right choice for your monitoring needs.**

## FEATURES

- Available for tank heights 16 feet or less
- IECEx and ATEX certification
- Satellite communication using BLE interface
- Global solution for locating mobile, non-fixed assets
- Configurable reporting schedule
- Two level set-points
- Email, fax, and text messaging alerts
- Automatic fill detection
- Battery strength indicator

## Technical specifications

	LevelTrack Radar Monitor
Tank Depth:	up to 16 ft.
Accuracy	±0.5%
Operating Temperature:	-30°C to +60°C
Battery Life:	5+ years @ 1 report per day
Enclosure:	Meets NEMA Type 4
Mounting Threads:	2" NPT
Safety Approvals:	Intrinsically safe for Class 1, Div 1 application
Radio Approval:	FCC Part 15 approved
Coverage:	Global satellite

## ENVIRONMENTAL STANDARDS

Operating Temperature: -40°F to 185°F (-40°C to 85°C)  
 Storage Temperature: 90°F (32°C) MAX for best results  
 Ingress Protection: IP68 per IEC 60529 to 160ft (50 meters)/ IP69K per DIN 40050-9  
 Immersion: MIL-STD-810G: 512.5 to 160ft (50 meters)  
 Salt Fog Exposure: MIL-STD-810G: 509.5, to 1000 hours  
 Acidic Atmosphere Exposure: ASTM D543-95, MIL-STD-810G: 518.2  
 Operational Vibration: MIL-STD-810G: 514.7, to 7.5 Grms Random (5Hz - 2000Hz)  
 Mechanical Shock: MIL-STD-810G: 516.7 to 300Gpk  
 Reliability: IPC9592a  
 RoHS2/WEEE

Additional qualifications apply but are not listed

## CERTIFICATIONS



**ATEX:** EN 60079-0  
 60079-11, CE0359 II  
 1 G Ex Ia IIC T4 Ga  
 -40°C ≤ Ta ≤ 64°C, IP68

**IECEX:** IEC 60079-0,60079-11  
 Ex Ia IIC T4 Ga  
 -40°C ≤ Ta ≤ 64°C

**OSHA Hazardous Location Classification:**  
 Class I: Division 1 Gas Groups A-D T4  
 Class I: Zone 0 | AEx ia IIC T4 Ga

**USA Hazardous Location Safety:**  
 UL 60079-0, UL 60079-11, UL 913

**Canada Hazardous Location Safety:**  
 CSA 22.2 No. 60079-0,11, No. 157-92

FCC Part 15/25 Industry Canada, Rss210/ECES-003,  
 CE R&TTE Directive 1999/5/EC (EU/ETSI), Brazil ANATEL,  
 AUS/NZ RCM-CISPE22

## RUGGED

- ATEX/IECEX-certified for use in Zone 0 hazardous environments
- Hermetically-sealed construction with IP68 and IP69k protection
- Tested to the highest stringent product reliability standards
- Created specifically for the harshest environments

## REVOLUTIONARY

- Small size for versatile installation
- Power-efficient design for long service life available
- Requires no user-based maintenance
- Multiple reporting modes available

## GLOBAL

- 100% satellite-based communication for visibility in remote locations
- Fast deployment anywhere with no additional infrastructure
- Worldwide transmission without complex data roaming agreements
- Certified to operate in numerous countries