

# SensoNODE™ Gold Fill Level Sensors

## Container Monitoring Vital to Effective Operations

Monitoring the fill level of an industrial non-metallic 55-gallon container is imperative to tracking liquids and materials. This type of monitoring is critical to ensure fluid and solid capacities are not depleted. Inadequate supply levels may spell trouble for processes and equipment, leading to unnecessary downtime, increased maintenance costs and lost production and revenue.



Engineered for continuous condition monitoring, Parker's SensoNODE Gold Fill Level Sensor and Voice of the Machine Cloud Software monitors fill levels for non-metallic 55-gallon containers and delivers data and alerts.

- Avoid shutdowns
- Maintain optimum performance of processes and equipment
- Receive alerts when to refill liquids, chemicals and materials
- Enhance workplace safety with non-contact chemical level monitoring
- Reduce maintenance costs and improve productivity
- Avoid spillage, contamination and loss of chemicals
- Improve delivery and fleet management
- Eliminate manual inventory and replacement tracking

## Contact Information:

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# SensoNODE™ Gold Fill Level Sensor

Sensor Technical Data			
		Water (1 cSt)	Chemical A (> 15 cSt)
Range	Height of sensor active area [inches [mm]]	26 [660]	26 [660]
Sensor Output	Percent of height (%)	0 to 100	0 to 100
Resolution	[inches [mm]]	0.65 [17]	1.3 [33]
Accuracy*	See Accuracy chart below	±1.5% for 50 to 100% range ±2.5% for 0 to 50% range	±2.5% for 50 to 100% range ±5% for 0 to 50% range
Linearity	See Linearity chart below	2%	5%
Hysteresis		1%	2%
Sample Rate	1 sample/min (default settings)		

Transmitter Technical Data	
Base Material	Brass and Steel
Housing Material	Polycarbonate
Ambient temperature (battery limited)	-4 to +158°F
Radio Certifications	FCC & IC
Battery [Panasonic is recommended]	CR123A
IP Rating [Transmitter only]	IP65

## Important Technical Notes:

All data derived from testing that utilized non-metallic 55 gal barrels calibrated at Full.

\*Factors that may affect accuracy of measurements:

- Viscosity and consumption rate of substance
- Environmental factors such as EMI and physical contact of chemicals or equipment

