SensoNODE™ Gold Wireless Level Kit



Measure and Monitor Fluid Levels with Confidence

Precise fluid levels are important. An abundance or deficit of liquids can have a negative affect on machinery and processes, resulting in unplanned downtime, rising maintenance and repair costs and lost profits. With continuous condition monitoring, measure and monitor fluid levels in real time and with complete accuracy.



Parker's **SensoNODE Gold Wireless Level Kit and Voice of the Machine™ Cloud Software** provide remote monitoring of fluid levels and ensure thresholds are not exceeded with customizable alerts, and status updates.

- Know exact fluid levels at all times
- Eliminate the need for communication cabling with remote monitoring
- High visibility level display
- · Two switching outputs for independent process control

What's Included:







Level Controller



Mating Cable



Power Lead



Power Supply

Contact Information:

Parker Hannifin Corporation **Quick Coupling Division**8145 Lewis Road, Minneapolis, MN 55427

(763)-544-7781 Parker.com/ConditionMonitoring



SensoNODE™ Gold Level Wireless Kit

Kit Technical Data ¹					
SNCLSD2-KIT-	250	370	520	800	1000
Sensor length measurement range [inches (mm)]	9.8 (250)	14.6 (370)	20.5 (520)	31.5 (800)	39.4 (1000)
Active range [inches (mm)]	1.6 to 8.3 (40 to 210)	1.6 to 13 (40 to 330)	1.6 to 18.9 (40 to 480)	1.6 to 30 (40 to 760)	1.6 to 37.8 (40 to 960)
Increment size [inches (mm)]	0.2 (5)	0.2 (5)	0.2 (5)	0.4 (10)	0.4(10)
Lowest reset point RSP [inches (mm)]	1.6 (40)	1.6 (40)	1.6 (40)	1.6 (40)	1.6 (40)
Largest switching value SP [inches (mm)]	8.3 (210)	13 (330)	18.9 (480)	30 (760)	37.8 (960)

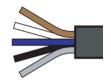
Level Controller Technical Data ¹					
Input Parameters					
Measuring Component	Resistance reed chain with float				
Connector thread	G3/4 BSPP; nickel-plated brass: ED soft seal NBR ²				
Wetted Parts	Brass; nickel-plated brass, NBR ²				
Fluid temperature range	-4 to 185°F				
Media compatibility	Water; lubricating oil; hydraulic oil				
Output Values					
Switching point accuracy	±1% FS at 77°F				
Controller Display accuracy	±1% FS ±1 digit at 77°F				
Response speed	≤700 ms				
Controller resolution	0.3 inches				
Float					
Material	NBR				
Dimensions	Ø 0.7 inches, length 1.4 inches				
Level Rod					
Material	Stainless Steel				
Dimensions	Ø 0.3 inches				
Operating pressure	14.5 psi				

Transmitter Technical Data³				
Base Material	Aluminum			
Housing Material	Polycarbonate			
Accuracy	0.5% (additive to source)			
Resolution	0.1%			
Ambient temperature (battery limited)	-4 to +158°F			
Radio Certifications	FCC, IC, CE			
Battery [Panasonic is recommended]	CR123A			
IP Rating (Transmitter only)	IP65			

¹Consult Parker Catalog 4083 for additional flow block details & data

Flying Lead Wire Diagram for Level Kit (SCK-400-02-45)

PIN	Connection	Wire Color	
1	V Supply	Brown	
2	S2 out	White	
3	0 V/GND	Blue	
4	S1 out	Black	
5	No Connection	Gray	





Poliferent sealing material (FKM, EPDM, etc) upon request *Consult Analog Transmitter portion of Parker Catalog 3864 for additional details