

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:



Analog Transmitter



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 Data ³	
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

²Different sealing material (FKM, EPDM, etc) upon request

³Consult Analog Transmitter portion of Parker Catalog 3864 for additional details

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

