

# SensoControl ServiceJunior™ CONNECT

## Collect accurate pressure level data safely and reliably without scripting errors

Tracking the pressure levels of your assets is a necessary part of day-to-day business, but simply having a monitoring solution in place isn't good enough anymore. As equipment manufacturers update their machinery, shouldn't your condition monitoring solution keep up?

If you're still using mechanical gauges and wired monitoring devices, you're barely scratching the surface of modern diagnosis and condition monitoring. Last generation's pressure tracking systems were fine for the time, but those systems were prone to errors and issues that are unacceptable in today's market:

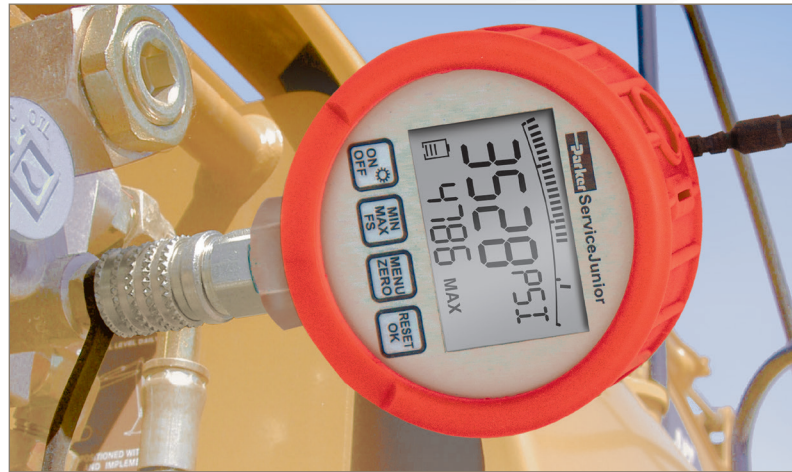
- Mechanical gauges don't provide accurate measurements
- Cables from wired monitoring devices can get wrapped or cut by machinery
- Data tracking is limited to manual viewing of gauge
- Hand-written records are susceptible to human error

The SensoControl ServiceJunior CONNECT digital sensor alleviates these issues while offering better performance and diagnostics than mechanical gauges ever could.

## Contact Information:

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## Why ServiceJunior CONNECT?

### Digital pressure monitoring

- Capture minimum/maximum pressure changes at a rate of 10 ms
- Digital readout more accurate than mechanical
- Exportable records and proof-of-work statements
- Set alarms, create/view trend graphs, create asset records

### Wireless operation

- Powered by SCOUT Mobile Software
- Fast accurate readings
- No more wiring or hoses getting caught in machinery
- Line of sight is not needed to obtain measurement
- Allows users to be away from machinery while in use and under full load, reducing safety risks

### Scalable and expandable

- Increase or decrease the total number of gauges used
- No need to reconfigure wired infrastructure
- Works with SensoNODE™ Blue sensors via SCOUT Mobile



ENGINEERING YOUR SUCCESS.

# ServiceJunior CONNECT



## Features:

- Wireless, remote readings
- Easy operation
- Hand held digital pressure gauge
- Measure and Display - Pressure
- Backlit display
- User-adjustable pressure units
- Min/Max memory
- Battery life indicator
- Ranges for hydraulics and pneumatics
- Scanning rate of 10ms
- Fluid temperature: -4° F to 176° F

Cover Color Code	
Blue	-14.5 to 230 psi (-1 to 16 bar)
Green	0 to 1500 psi (0 to 100 bar)
Orange	0 to 5800 psi (0 to 400 bar)
Red	0 to 8700 psi (0 to 600 bar)

ServiceJunior CONNECT (PD Coupler*)	ServiceJunior CONNECT (EMA3 Coupler**)	ServiceJunior CONNECT with 1/4" NPT Port	Measuring Range	Overload Pressure (psi)	Resolution (psi)	Accuracy
SCJR-0250-PD-BLE2	SCJR-0250-EMA-BLE2	SCJR-0250-4MP-BLE2	-14.5 to 230 psi (-1 to 16 bar)	460	0.1	0.5% FS
SCJR-1500-PD-BLE2	SCJR-1500-EMA-BLE2	SCJR-1500-4MP-BLE2	0 to 1500 psi (0 to 100 bar)	2,900	1	0.5% FS
SCJR-5800-PD-BLE2	SCJR-5800-EMA-BLE2	SCJR-5800-4MP-BLE2	0 to 5800 psi (0 to 400 bar)	11,600	1	0.5% FS
SCJR-8700-PD-BLE2	SCJR-8700-EMA-BLE2	SCJR-8700-4MP-BLE2	0 to 8700 psi (0 to 600 bar)	14,500	1	0.5% FS

### Battery life is dependent upon wireless transmission rate:

1 second rate = 100 hours of battery life      2 second rate = 200 hours of battery life

\* PD Couplers rated to 6,000 psi max

\*\* EMA3 Couplers rated to 9,000 psi max

Note: To receive ServiceJunior with calibration certificate, add K- to the beginning of the part number. (ie K-SCJR-1500-PD)

## Accessories

Part Number	Description
PD240	PD Series Diagnostic Coupler
SCA-7/16-EMA-3	7/16 - 20UNF-2B female to M16X2.0 EMA3 female swivel
SCJA-1/4	7/16 - 20UNF-2B female to 1/4" NPT male adapter
PDH-19	19" PD Hose extension to be used with PD nipple
PDH-32	32" PD Hose extension to be used with PD nipple
SMA3-400	16" (400 mm) Hose assembly for EMA M16X2.0 interface
SCC-300	Storage case for three gauges and diagnostic adapters

