











PPS33 Multi-Sensor Wireless System

The PPS33 Multi-Sensor Wireless System is developed for applications requiring simultaneous multi-point pressure, temperature and/or flow monitoring such as wellhead, well testing, and pipeline operations. ZigBee wireless package allows a master data logger to receive data from up to 60 individual sensors within 100 meter (328 feet) range.

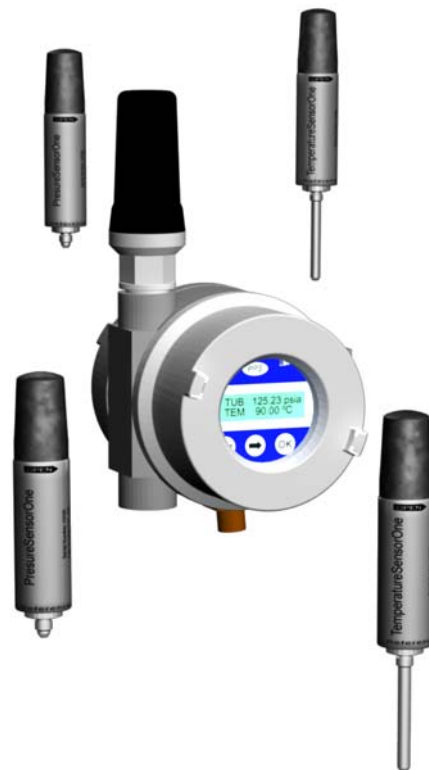
The system can also work with customer SCADA or satellite/cell phone transmission system to offer real time information to engineers working in offices. PPS RemoteWatcher software is used for handling the system.

APPLICATIONS:

-  Wellhead Build-up
-  Wellhead Production Monitoring
-  Pipeline monitoring
-  Frac Monitoring
-  Well Testing Monitoring
-  Injection Pressure Monitoring
-  Perforation Monitoring
-  Workover Monitoring

SPECIFICATIONS

Sensor Type	Silicon-Sapphire/RTD/Turbine
Pressure Ranges	Up to - 15,000 psi
Pressure Accuracy	±0.03% (full scale)
Pressure Resolution	0.0003%
Pressure Drift	<3 psi / year
Temperature Rating	-40°C (-40°F) to 80°C (176°F)
Temperature Accuracy	±0.3°C
Temperature Resolution	0.01°C
Power Source	2 D lithium cells, up to six months
Data Set Contents	Time / pressure / temperature/Flow
Memory Capacity	2M data sets on flash memory, SD card.
Display Mode	liquid crystal
Data Transmission Mode	ZigBee/Modbus/USB
Wireless Transmission Distance	100m (328 ft)
Transmission Power	+ 10 dbm
Outside Diameter of Indicator Dial	4.625" (117.5 mm)
Overall Length of sensors	10" (254 mm)
Work Mode	MRO / Real Time
Service	H ₂ S service
Sample Rate	1 seconds to 18 hours per sample
Connection	1/2" NPT/Autoclave
Safety Rating	C.S.A. / Class 1, Division 1, CE Marking



Calgary, Alberta, Canada

Phone: 403-282-7669 Fax: 403-282-0509

Toll Free Phone in USA & Canada: 1-888-PP-GAUGE (774-2843)

www.pioneerps.com Email: infopps@pioneerps.com

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