PPS31 Wellhead Pressure Logger

The PPS31 Wellhead Pressure Logger is a programmable gauge that samples pressure and temperature providing real time monitoring. The logger has a highly viewable LCD display where data can be read and also has built in memory. The intrinsically safe design means this logger can be used in hazardous areas.

- **Sensor Type**
  - **Silicon-Sapphire**

### Pressure
- **Range** – psi: Up to 15 kpsi
- **Accuracy** – psi: ± 0.03% FS
- **Resolution** – psi: 0.0003% FS
- **Drift** – psi/year: <3

### Temperature
- **Sensor Rating** – °C: -20 (−4 °F) to 70 (158 °F)
- **Accuracy** – °C: ± 0.5
- **Resolution** – °C: 0.01
- **Environmental Temperature** – °C: -40 (−40 °F) – 70 (158 °F)*

### Characteristics
- **Service**: Sour Services (available upon request)
- **Power Source**: Lithium Battery Pack
- **Data Set**: Time / Pressure / Temperature
- **Data Receiving Mode**: Wireless (915 MHz, ISM)
- **Wireless Transmission Distance**: 328’ (100 m)
- **Overall Length** – inches: 10 (254 mm)
- **Work Mode**: MRO / SRO
- **Sample Rate**: 1 sec to 18 hours per sample
- **Memory Capacity**: 2,000,000 data sets
- **Connection**: 1/2” NPT/Autoclave
- **Safety Rating**: Class I, Division 1, Exia IIC T4 Ga, CE Marking (−40 °C–55 °C)

*LCD Display environmental temperature is -20 °C – 70 °C
Wireless is Optional

Applications:
- Gas Wellhead Build-up Tests
- Stimulation Monitoring
- Pipeline Monitoring
- Fracture Monitoring
- Wellhead Monitoring
- Injection Pressure Monitoring

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