

## PPS31M Multi-Channel Wellhead Pressure Logger

The **PPS31M Multi-Channel Wellhead Pressure Logger** is integrated with either two Silicon-Sapphire or Quartz pressure transducers, one RTD temperature probe (optional), one radio data transmitter (optional) and PPS SMT electronics circuit. It is a good choose for applications where high data quality is required.

### Applications:

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



Sensor Type	Piezo/RTD	Quartz/RTD		
<b>Pressure</b>			<b>Characteristics</b>	
Range-psi	Up to 20 kpsi	Up to 20 kpsi	Service	Sour Services
Pressure Channels	2	2	Power Source	Lithium Battery Pack
Accuracy-psi	± 0.03% FS	± 0.02% FS	Data Set	Time / Pressure / Temperature / RTD
Resolution-psi	<0.1 psi	<0.01 psi	Data Receiving	Wireless (915/868 MHz, ISM)
Temperature Accuracy	± 0.5	± 0.2	Transmission Distance	328' (100 m)
Temperature Resolution	<0.01	<0.005	Work Mode	MRO
<b>Temperature</b>			Sample Rate	1s-18hr/sample
Sensor Type	RTD (Pt1000)	RTD (Pt1000)	Memory Capacity	16,000,000 data sets
Rating-°C	-30 (-58 °F) to 85 (185 °F)	-30 (-58 °F) to 85 (185 °F)	SD Card Capacity	20 million data sets
Accuracy-°C	± 0.5	± 0.5	Connection	½" NPT / Autoclave
Resolution-°C	0.005	0.005	Safety Rating	Class I Division 1 Group A, B, C and D, T4 Ex ia IIC T4 (-40 °C–55 °C)
			* LCD Display environmental temperature is -20 °C–70 °C	

