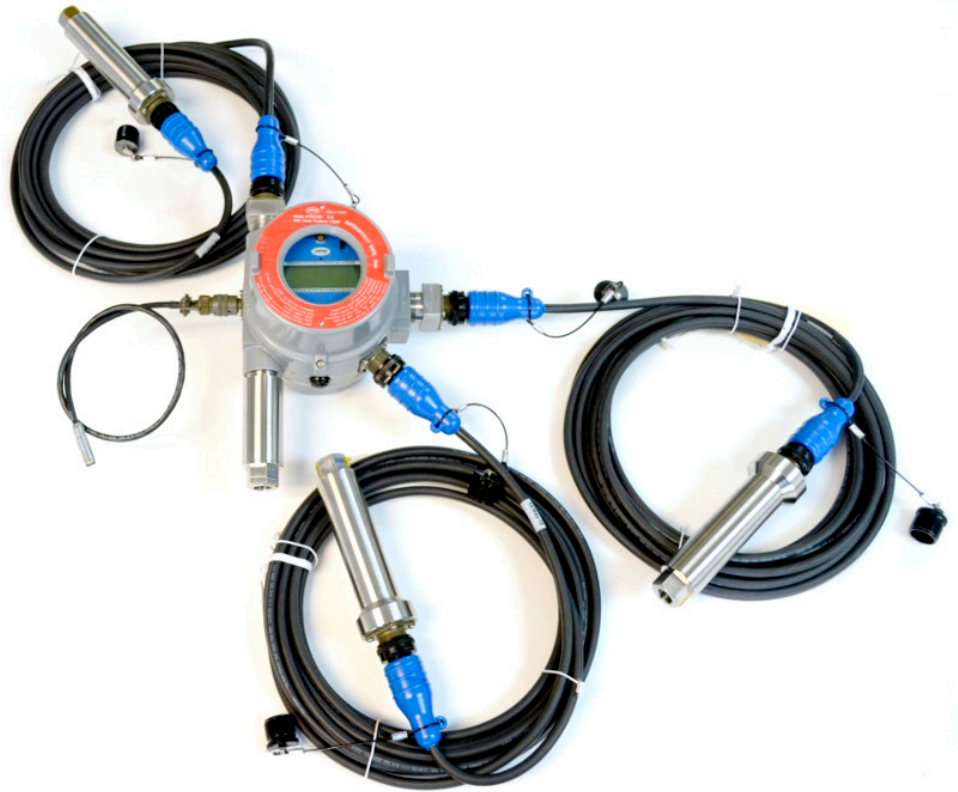


PPS31M Multi-Channel Wellhead Pressure Logger

The **PPS31M Multi-Channel Wellhead Pressure Logger** is integrated with up to four channels, one internal (pressure) and three wired externally. The three external channels can be SOI pressure transducers, or RTD temperature probes, in the customer's preferred configuration.

This is a good choice for applications where high data quality is required. The main unit and the other transmitters can be mounted onto the wellhead to measure readings such as: tubing, casing and vent pressures or temperatures. There is also the option to have a wireless radio transmitter and receiver with a transmission distance up to 100m line of sight.



Sensor Type

Piezo (or Quartz*) / RTD

Pressure

Range-psi	10K 15K 20K
Accuracy-psi*	± 0.03% FS
Resolution-psi*	0.0003% FS

*Quartz transducer offers higher accuracy and resolution

Temperature

Sensor Type	RTD (Pt1000)
Range-°C	-30 (-22 °F) to 85 (185 °F)
Accuracy-°C	0.5
Resolution-°C	0.005

Applications:

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





PPS31M Multi-Channel Wellhead Pressure Logger

Characteristics

Channels	Up to 4
Display	Alphanumeric
Memory Capacity	20,000,000 samples
Sensor Channels	4 sensors: One built in, three external wired
External Wired Sensors	1.25" OD, 1/4" HP Pressure sensors 15K/85C 1.25" OD, 1/2" NPT Temperature sensor range -30C to 85C
Adapter	1/4" HP pin to 1/2" NPT pin adaptor, Inconel 718
Service	Sour Services
Power Source	Lithium Battery Pack
Data Set	Time / Pressure / Temperature / RTD
Work Mode	SRO / MRO
Sample Rate	1s-18hr/sample
Connection	1/2" NPT / Autoclave
Safety Rating	Class I Division 1 Group A, B, C and D, T4 Ex ia IIC T4 (-40 °C–55 °C)
Operating Temperature–°C	-30 (-22 °F) to 60 (140 °F)
Operating Humidity	5 to 95% Non-Condensing

