

PPS26 Surface Read-Out (SRO) Gauge

The **PPS26 Surface Readout (SRO) Gauge** is designed for real time sampling of pressure and temperature data for applications focused on production optimization, well stimulation or reservoir development. Due to the gauge's stability and strong transmission distance, the PPS26 can send data from downhole to surface through one single conductor wireline cable at well depths up to 7,000 meters.



Sensor Type

Silicon-Sapphire

Quartz

Applications:

Pressure

	Silicon-Sapphire	Quartz
Range-psi	Up to 20 kpsi	Up to 30 kpsi
Accuracy-psi	± 0.03% FS	± 0.02%
Resolution-psi	0.0003% FS	<0.01 FS
Drift-psi/year	<5	± 0.02% FS

- Pressure Build-up Tests
- Pressure Gradients
- Interference Tests
- Injection Pressure Monitoring
- Drill Stem Tests

Temperature

	Silicon-Sapphire	Quartz
Rating-°C	150 (302 °F) 177 (350 °F)	177 (350 °F) 200 (392 °F)
Accuracy-°C	± 0.5	± 0.2
Resolution-°C	0.01	<0.005

Characteristics

	Silicon-Sapphire	Quartz
Service	Sour Services	Sour Services
Power Source	+12 VDC/100 mA	+12 VDC/100 mA
Communication	USB / RS232	USB / RS232
Data Set	Time / Pressure / Temperature	Time / Pressure / Temperature
Max OD-inches	1.44 (36 mm)	1.44 (36 mm)
Overall Length-inches	8.26 (209 mm)	17.64 (448 mm)
Housing Material	Inconel 718 SS17-4	Inconel 718 SS17-4
Sampling Rate	1 sec per sample	1.5 sec per sample

