

PPS28-200°C Quartz Memory Gauge

The **PPS28-200°C Quartz Memory Gauge** integrates a hybrid quartz pressure transducer with PPS's proprietary leading-edge hybrid high temperature electronics module and metal-to-metal and elastomer sealing technology for reliability in extreme conditions. Thanks to the latest innovations in hybrid electronic technology gauge life is greatly extended at extreme temperature, an advantage that allows the PPS28 gauge to dependably perform at a maximum temperature of 215 °C (419 °F).



Sensor Type

Quartz

Pressure

Range—psi	16K 20K 25K 30K
Accuracy—psi full scale	± 0.015% (Typically), ± 0.02%
Resolution—psi	<0.01
Drift—psi/year	<0.02% FS

Temperature

Rating—°C	200 (392 °F) / 215 (419 °F) Typically
Accuracy—°C	± 0.2
Resolution—°C	<0.005

Characteristics

Service	H ₂ S Services
Power Source	Lithium Battery Pack
Communication	USB / RS232
Data Set	Time / Pressure / Temperature
Max OD—inches	0.75 (19 mm) 1.27 (32 mm) 1.375 (34 mm)
Overall Length—inches	24.8 (630 mm) 25.2 (640 mm)
Housing Material	Inconel 718 MP35N
Sampling Rate	1s – 18hrs/per sample (0.1s – 1.8hrs/per sample optional)
Memory Capacity	2,000,000 data sets (4 million datasets optional)

Applications:

- Pressure Build-up Tests
- Pressure Gradients
- Interference Tests
- Injection Pressure Monitoring
- Drill Stem Tests
- Production Tests
- Pre/During/Post Stimulation Evaluation
- Fracturing Monitoring

PPS28-200C Specifications (Rev. 03, 2013-05-10)

