

Dual Quartz Pressure Gauge

Application

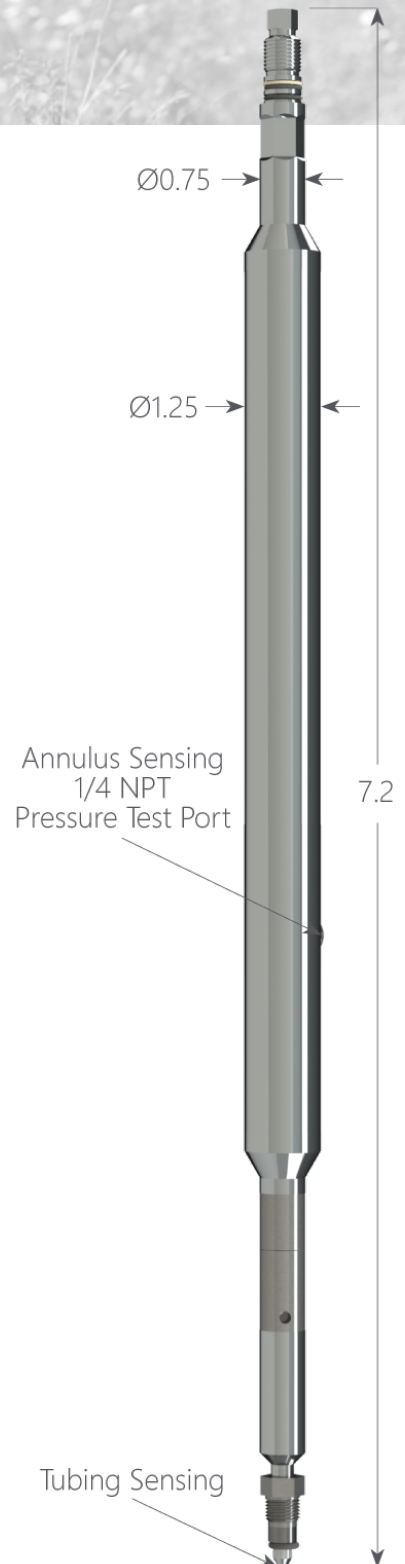
DataCan's Dual Quartz Pressure Gauge delivers pressure, temperature and vibration (optional) readings for both the tubing and annulus. It is used to provide continuous, real time data about downhole conditions, helping increase productivity throughout the life of the well or reservoir. The gauge uses two quartz pressure sensor to produce the highest quality data and has a high pressure rating, operating at pressures up to 20,000 psi and temperatures up to 150°C. The gauge is characterized by its electron beam welded sensors, feedthru and housing bodies. It has hermetically sealed electronics and a dual protection metal to metal seal design that prevents leaks from entering, all of which makes it very reliable. Therefore, when both tubing and annulus pressures are needed at high pressures and when the highest quality data is required the Dual Quartz II Pressure Gauge is perfect.

Features

- High Accuracy and Resolution - Reservoir Data
- Fully Welded Construction - No O-Rings
- Hermetically Sealed
- Dual Protection Metal to Metal Seal Design
- Corrosion Resistant NACE MR0175
- 1 Second Sampling
- Dual Axis Vibration Sensor Option - Capable Of Monitoring Pump Wear

Benefits

The Dual Quartz Pressure Gauge is quick and easy to install and produces the highest quality well or reservoir data in real time. Its fully welded construction, dual protection metal to metal seal design, and hermetically sealed electronics, make it a very reliable gauge. Unlike the standard quartz pressure gauge, the Dual Piezo Pressure Gauge can measure both tubing and annular pressure. This means the customer only needs to run one line, not two, reducing the cost for the customer significantly.



Dual Quartz Pressure Gauge

Dual Quartz Permanent - Stainless			
Pressure	Temperature	Wire Size	Part No.
5,000 psi	150°C	1/4"	103780
10,000 psi			103781
16,000 psi			103782
20,000 psi			103783

Specifications		
	Pressure	Temperature
Accuracy Up To	0.02% F.S.	0.25°C
Drift	0.00006% F.S.	0.005°C
Resolution	< 3 psi / year	< 0.1°C / year
Vibration Range (Horizontal & Vertical)	± 50 g	