Single Channel Quartz



Application

The Single Channel Quartz Logger, like the Piezo Logger, is used to measure either tubing or annulus pressure at the wellhead. However, since it uses a quartz sensor, it produces the highest resolution measurements.

The Single Channel Quartz Logger is easy to use. A single button is used to turn the device on and off. A lemo connection allows operators to program and download the logger using our standard DataCan gauge software. The Single Channel Quartz Logger can come with optional external connections, or a radio antenna, which will send data to a laptop via radio frequency.

Benefits

The Single Channel Quartz logger's explosion proof enclosure and simple design makes it both safe and very easy to use. The Single Channel Quartz logger also has an exceptionally long battery life and produces the same high quality data that our downhole gauges produce; data that is high accuracy and high resolution while being very reliable in its robust, all weather enclosure.

Features

- Extreme Service Reliability
- High Resolution Measurements
- 11 Million Sample Capacity
- Explosion Proof Enclosure
- ¼" High Pressure Connection
- Programmable with DataCan Software
- Optional External Download and External Start/Stop
- Powered by Large 2 x D Battery Pack

Single Channel Quartz

Pressure	Temperature	Communication	Part No.
5,000 psi	-40°C to 85°C	USB Only (RS-232)	104401
10,000 psi			104402
20,000 psi			104403
30,000 psi			104404
5,000 psi		USB (RS-232) & Radio	104405
10,000 psi			104406
20,000 psi			104407
30,000 psi			104408

Single Channel Quartz - External Connection

Pressure	Temperature	Communication	Part No.
10,000 psi	-40°C to 85°C	USB Only (RS-232)	105282
20,000 psi			105283
30,000 psi			105284

Accessories

Accessory Type	Part No.
Pelican Case Assembly	100853
USB Communication Cable	100682
Radio 100m	102044
USB Radio Receiver	101790
Adapter 1/2" NPT	101637
Adapter 3/4" NPT	100638
Adapter Autoclave	100850

Compatible Batteries

Size	Max Temp	Part No.
2 x D	85°C	101472

Specifications

	Pressure	Temperature
Accuracy Up To	0.020% F.S.	1.0°C
Resolution (scales directly with gate time)	< 0.012 psi/sec	< 0.005°C/sec
Drift	Negligible	Negligible
Capacity	11 Million Samples	