

Multi-Channel Piezo



Application

The Multi-Channel Piezo is the second generation wellhead logger that gives users much more flexibility when designing a surface testing suite. The Multi-Channel Piezo has all of the features of the Single Channel Piezo, but you can now add multiple transmitters to one data logger. The enclosure was redesigned to meet our specific packaging needs. Up to 3 additional external devices can be connected to the device at a single time. The main unit and each external pressure transmitter can be screwed onto the wellhead to measure readings such as: tubing, casing and vent pressures. The logger contains an internal battery pack to power the unit. The user can also supply external power through the SCADA / Modbus connector. When external power is applied the battery is electrically disconnected.

Benefits

The Multi-Channel Piezo logger is intrinsically safe making it safe to use in hazardous areas. The Multi-Channel Piezo 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

Features

- Extreme Service Reliability
- -30°C to 60°C Temperature Range
- 20 Million Sample Capacity
- High Pressure Connections
- Battery Life Up to 12 Months
- RS-485 ModBus Connection
- Single Internal Temperature and Pressure Measurement
- Connect up to 3 External Devices
- Easy to use Software for Programming & Data Analysis
- Powered by Large 2 x D Battery Pack

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enclosure.

Multi-Channel Piezo			
Pressure	Temperature	Part No.	
		SS	Inconel
750 psi	Regular Version (-30°C to 60°C)	1/4" NPT	101744
1,500 psi			101745
3,000 psi			101746
5,000 psi			101747
10,000 psi		1/4" Autoclave	101748
15,000 psi			101749
20,000 psi			101750

*1/4" NPT Male Connection

Accessories	
Accessory Type	Part No.
Pelican Case Assembly	100766
USB Download Cable	104278
Adapter HF4 SS17-4	101636
Adapter 1/2 NPT SS17-4	101637
Adapter 3/4 NPT SS17-4	101638

Specifications		
	Pressure	Temperature
Accuracy Up To	0.022% F.S.	0.25°C
Resolution	0.0003% F.S.	0.005°C
Drift	< 3 psi / year	< 0.1°C / year
Capacity	1 Million Samples	
Communication Method	USB or ModBus	
Transducers	1 Internal & Up to 3 External	
Certifications & Ratings	Intrinsically Safe	
	CAN/CSA C22.2 No 60079-0	
	CAN/CSA C22.2 No 60079-11	
	CAN/CSA C22.2 No 142	
	ANSI/UL 60079-0	
	ANSI/UL 60079-11	
Entity Parameters	UL508	
	Class I, Zone 0, Aex ia IIB 4 Ga	
	Vi:	8 VDC
	Ii:	0.065 ADC
	Pi:	0.45 W
	Ci:	14 µF
Li:	0 µH	



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