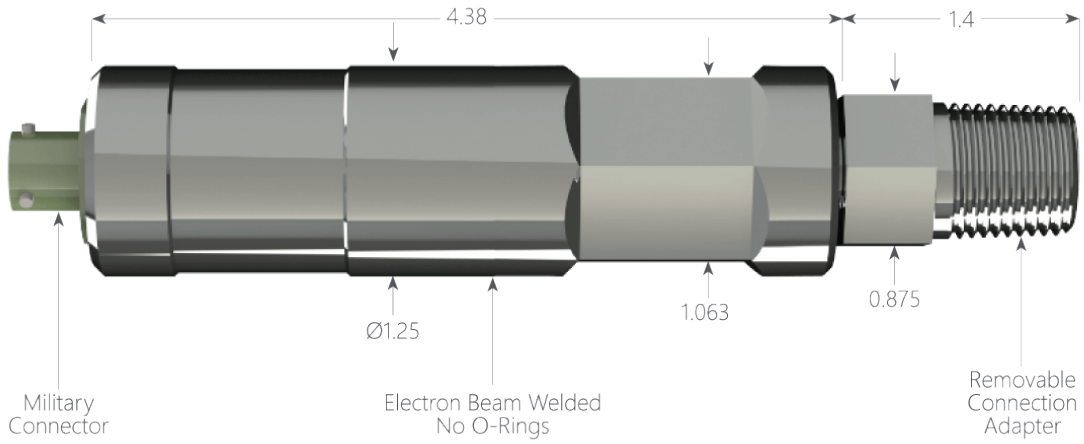
Piezo Pressure Transmitter



Application

The Piezo Pressure Transmitter uses an electron beam welded piezo sensor to measure pressure of the wellbore at surface. The pressure transmitters have two connections. There is a 4-pin military connector for electrical connections at the top, and a pressure fitting to connect to the pressure port at the bottom. It is quick and easy to install in the wellhead, with a customizable pin or box connection to meets the user's needs. The Piezo Pressure Transmitter connects to DataCan's Permanent/SRO system, Data2Desk or Multi-Channel Logger.

Benefits

The Piezo Pressure Transmitter has a compact design and low power consumption, making it cost effective for the customer. It also produces the same high quality data that our downhole gauges produce; data that is high accuracy and high resolution while being very reliable with an electron beam welded sensor.

Features

- Easy to Use Software
- Multiple Sensor
- Custom Pin or Box Connections Upon Request
- Intrinsically Safe Option
- Can Operate as a Modbus Device
- Connects to DataCan's Permanent/Surface Read Out System, Data2Desk, and Multi-Channel Logger

1.25” Pressure Transmitter

Maximum Pressure	Temperature	Connection	Part No.
750 psi	-40°C to 85°C	1/4" NPT	108158
1,500 psi			108159
3,000 psi			108160
5,000 psi			108161
10,000 psi		1/4" Autoclave	108162
15,000 psi			108163
20,000 psi			108164
25,000 psi			108165
30,000 psi			108166

1.25” Pressure Transmitter - Intrinsically Safe

Maximum Pressure	Temperature	Connection	Part No.
750 psi	-40°C to 60°C	1/4" NPT	101631
1,500 psi			101630
3,000 psi			101629
5,000 psi			101628
10,000 psi		1/4" Autoclave	101627
15,000 psi			101626
20,000 psi			101625
25,000 psi			102369
30,000 psi			102370

Accessories

Accessory Type	Part No.
Data Cable 25ft	101796
Data Cable 50ft	101797
Data Cable 100ft	101798
Adapter 1/2 NPT Pin x HM4	101438

Specifications

	Pressure	Temperature
Accuracy Up To	0.03% F.S.	0.5°C
Resolution	0.0003% F.S.	0.005°C
Drift	< 3 psi/year	< 0.1°C/year
Communication Method	USB	
Certifications & Ratings	Intrinsically Safe	
	Ex ia IIB T4 Ga	
	Class 1, Zone 0, AEx ia IIB T4 Ga	
	Vi=22.2VDC, Pi=1.2W, Li=0µH, Ci=1.06µF	
	Regular Version	Intrinsically Safe Version
Compensated Temperature Range	-30°C to 85°C	-30°C to 60°C
Operating Temperature Range	-40°C to 85°C	-40°C to 60°C