

# 0.75" Low Temp Piezo Pressure Gauge

## Application

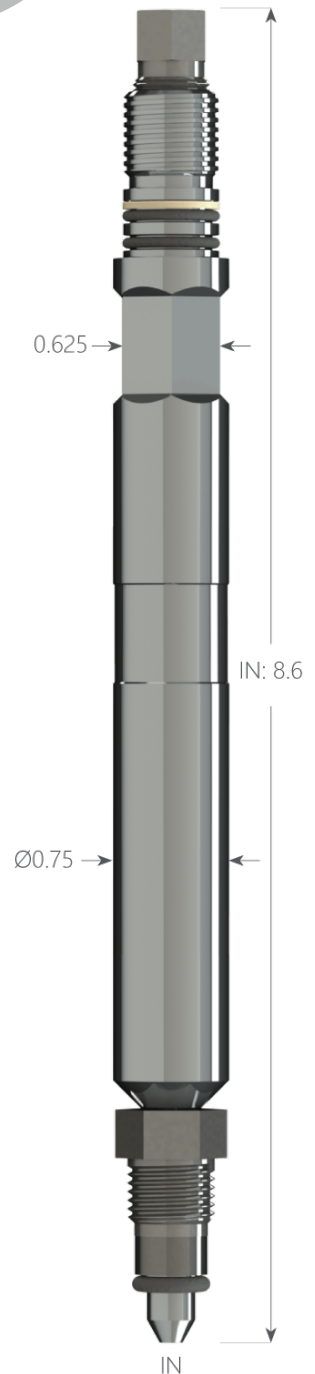
DataCan's 0.75" Low Temp Piezo Stainless Steel Pressure Gauge delivers real time pressure, temperature and vibration (optional) readings about downhole conditions, helping increase productivity throughout the life of the well or reservoir. The gauge operates at pressures up to 15,000 psi and temperatures up to 85°C. The gauge is characterized by its electron beam welded sensor, 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.

## Benefits

The 0.75" Low Temp Piezo Stainless Steel Pressure Gauge is quick and easy to install and produces high 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. It is also a more economical option for low temp applications, as it only goes up to 85°C.

## Features

- Value Priced
- Fully Welded Construction
- Hermetically Sealed
- Dual Protection Metal to Metal Seal Design
- Dual Axis Vibration Sensor Option - Capable Of Monitoring Pump Wear



## Low Temp Piezo Permanent

| Pressure   | Temperature | Version         | Part No.  |           |
|------------|-------------|-----------------|-----------|-----------|
|            |             |                 | 1/4" Wire | 1/8" Wire |
| 750 psi    | 85°C        | Stainless Steel | 102575    | 102599    |
|            |             | Inconel         | 102470    | 102471    |
| 1,500 psi  |             | Stainless Steel | 102576    | 102600    |
|            |             | Inconel         | 102472    | 102477    |
| 3,000 psi  |             | Stainless Steel | 102577    | 102601    |
|            |             | Inconel         | 102473    | 102478    |
| 6,000 psi  |             | Stainless Steel | 102578    | 102602    |
|            |             | Inconel         | 102474    | 102479    |
| 10,000 psi |             | Stainless Steel | 102579    | 102603    |
|            |             | Inconel         | 102475    | 102480    |
| 15,000 psi |             | Stainless Steel | 102580    | 102604    |
|            |             | Inconel         | 102476    | 102481    |

## Low Temp Piezo Permanent with Vibration

| Pressure   | Temperature | Version         | Part No.  |           |
|------------|-------------|-----------------|-----------|-----------|
|            |             |                 | 1/4" Wire | 1/8" Wire |
| 750 psi    | 85°C        | Stainless Steel | 102564    | 102568    |
|            |             | Inconel         | 101870    | 101878    |
| 1,500 psi  |             | Stainless Steel | 102565    | 102569    |
|            |             | Inconel         | 101893    | 101898    |
| 3,000 psi  |             | Stainless Steel | 102300    | 102570    |
|            |             | Inconel         | 101894    | 101899    |
| 6,000 psi  |             | Stainless Steel | 102299    | 102571    |
|            |             | Inconel         | 101895    | 101900    |
| 10,000 psi |             | Stainless Steel | 102283    | 102572    |
|            |             | Inconel         | 101896    | 101901    |
| 15,000 psi |             | Stainless Steel | 102566    | 102573    |
|            |             | Inconel         | 101897    | 101902    |

## 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 |
| Vibration      | ± 50 g         |                |

