

DOWNHOLE +500°F HIGH TEMPERATURE PRESSURE TRANSDUCER

Designed to survive deeper pressures and extremely high temperatures while providing exceptional pressure performance, accuracy, long term stability, reliability and repeatability. These **small form factor** pressure transducers can withstand continuous operating temperatures up to **+500°F (+260°C)** and are well suited for End User and OEM applications in Energy Exploration, Production, Geothermal and more.

The **211-50-070** transducers are available in pressure ranges up to **+50,000 PSIA**. Featuring 2.8mV/V nominal output with a total error band including thermal effects of .150% or better as referenced to a 2nd order polynomial applied. With a hermetically sealed, welded all Inconel 718[®]™ construction for environmental protection, these units are well suited for the toughest applications. The **211-50-070** transducer is also available in custom designs to meet your specific application or environment.



211-50-070-XX
0- 5,000 to 0-50,000 PSIA

STANDARD & CUSTOM OPTIONS AVAILABLE

- ◆ Optimum Accuracy
- ◆ Strain-Gauge Bonding
- ◆ Standard & Custom Outputs
- ◆ Electrical Termination Options
- ◆ All Welded Construction
- ◆ Material Options
- ◆ Pressure Port Options



"PRESSURE INSTRUMENTATION, FOR THE TOUGHEST APPLICATIONS"

The leader in precision pressure measurement technology since 1951, Paine Electronics provides high quality, reliable custom pressure instrumentation to a world of Oil & Gas applications. Paine utilize's proven, proprietary technology providing flawless operation in the toughest Oil & Gas applications. Applications that would typically destroy most sensitive instruments.

Paine provides standard as well as custom pressure instrumentation. Our state-of-the art facility allows us the ability to provide custom solutions even in small quantities, giving our customers the highest level of design flexibility, service and responsiveness. Whatever your special requirements, unique outputs, electrical, pressure, fittings, media or environments - **Paine is ready to help with your next custom device!**

PAINÉ

Call or email us today for more information!
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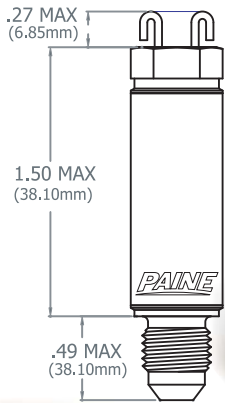
OIL-GAS

PRESSURE INSTRUMENTATION FOR THE TOUGHEST APPLICATIONS

DOWNHOLE HIGH PRECISION, PRESSURE TRANSDUCER

Paine Electronics, LLC is pleased to introduce its latest generation of precision pressure instrumentation. These new high precision pressure transducers were specifically designed with our unique hoop stress sensors for small size and ruggedness. The new proprietary manufacturing and process procedures in this line offer total error bands of 0.02% of full scale or better with temperature excursions over 425°F.

Approaching the performance of quartz transducers with the added benefit of small size, near real time measurements and the ability to perform in the most severe environments the **310-38-520** transducer is also available in custom designs to meet your specific application or environment.



310-38-520-XX
0-5,000 to 0-35,000 PSIA



DOWNHOLE, ABSOLUTE PRESSURE TRANSDUCER

The **211-37-520** transducer is designed for applications requiring long term stability at high temperatures (up to +400°F) in corrosive environments. Features such as wide range of pressure options, a small size and rugged design, hermetically sealed all welded construction, fully calibrated and environmentally tested are just a few of the **211-37-520** benefits.

The Inconel 718[®]™ material used in construction is compatible with H2S and other highly corrosive media. Instead of an O-ring, a replaceable Inconel 600 seal can be used for virtually maintenance-free, installations.

211-37-520-XX
0-5,000 to 0-30,000 PSIA



210-38-520-XX
0-5,000 to 0-30,000 PSIA

DOWNHOLE, ABSOLUTE, UNCOMPENSATED PRESSURE TRANSDUCER

The **210-38-520** transducer is a very rugged transducer for use in all industrial applications where corrosive materials are present. This transducer features all welded, Inconel 718[®]™ construction to provide a high degree of compatibility and system integrity. Individual units are provided with coefficients to load into your electronics for temperature compensation. Instead of an O-ring, a replaceable Inconel 600 seal can be used for virtually maintenance-free, installations.



Call or email us today for more information!

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DOWNHOLE +600°F HIGH TEMPERATURE PRESSURE TRANSDUCER

Designed to survive extremely high temperature while providing exceptional pressure performance, accuracy, long term stability, reliability and repeatability. These pressure transducers can withstand continuous operating temperatures up to **+600°F (+316°C)** and are well suited for End User and OEM applications in Energy Exploration and Production, Geothermal, Power Generation and more.

The units are available in pressure ranges up to **+50,000 PSIA**. Featuring 2.8mV/V nominal output with a total error band including thermal effects of $\pm 0.150\%$ F.S.O or better as referenced to a 2nd order polynomial. With a hermetically sealed, welded all Inconel 725[®]™ construction for environmental protection, these units are well suited for the toughest applications.

211-55-010-XX
0- 5,000 to 0-50,000 PSIA



TYPICAL APPLICATIONS

- ◆ Perforating Tools
- ◆ Compressors
- ◆ Pump Stations
- ◆ Process Control Systems
- ◆ Well Head Measurements
- ◆ MWD
- ◆ LWD
- ◆ Fracturing
- ◆ Wireline
- ◆ Slickline
- ◆ Slimline

