

# IN OIL & GAS

**SPECIALISTS IN PRESSURE AND TEMPERATURE TRANSMITTERS  
FOR OIL AND GAS PRODUCTION AND EXPLORATION**



- Temperature Compensation from -40 to +250°F
- Certified Intrinsically Safe to FM, CSA and ATEX
- Pressure Ranges from 15 through 26,000 psi
- Analog: 4-20mA and 1-5 volt outputs
- 316L Stainless Steel for NACE
- Digital: CANOpen, Modbus
- Custom Design a specialty
- Titanium for Sea-water
- Qualified for Sub-sea
- Operation to +300°F
- Hyperbaric Tested
- Rated 33,000 psi



## INTRODUCTION

PMC/STS has been designing and delivering high performance and rugged Pressure Transmitters to Industry since 1963. From the mid 1980's we have been specializing on the Oil and Gas Industry with thousands of Transmitters in operation for both Sub-Sea and Topside applications. Below we highlight key features but we encourage you to go to our website or contact us directly for your special needs.

## SENSOR TECHNOLOGY



The predominant technology used in the PMC/STS Products is highly developed piezoresistive silicon with repeatability and hysteresis of better than  $\pm 0.01\%$ , long term stability of better than 0.05% per year, and operating range of -40 to 300°F



## CATALOG PRODUCTS

Based on a carefully engineered modular design the catalog products offer a huge range of pressure and electrical fittings. Ranges from 1 thru 15000 psi are available with both popular analog outputs such as 4-20mA and digital protocol such as Hart, CANOpen, RS485. Delivery is generally measured in days rather than weeks or months. Check out [www.sts-sensors.com](http://www.sts-sensors.com) to see the flexibility.



## CUSTOM PRODUCTS



Despite our comprehensive range of Catalog products, the Oil and Gas Industry has demands which require special designs. We have a large engineering group and more than 100 years of application experience waiting to make that custom transmitter. We have already extended our capability to 33,000psi and 400°F together with designs capable of high shock. We can machine special parts from blueprint or sketch in 24hrs.

## MUCH MORE...



The use of materials such as Titanium, Inconel, 316 st.st. provides us the capability of installing our Transmitters at the bottom of the ocean or in other challenging places. High pressure glass-metal seals provide safety and product reliability. There is much more we offer, so if this is your field please call us at 203 792 8686.



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**Represented by:**