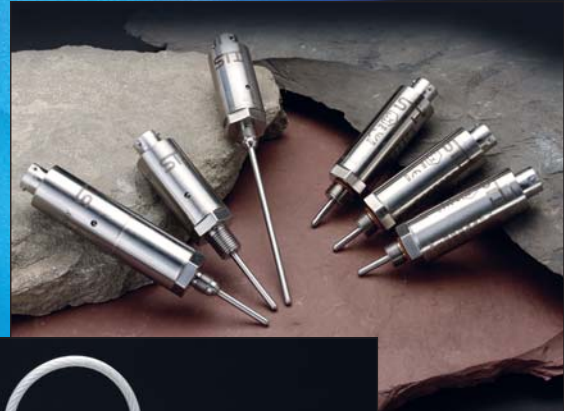


stellartech.com



STI
STELLAR TECHNOLOGY
INCORPORATED

Pressure / Temperature / Load Instrumentation
Analog and Digital Transducers & Transmitters

OIL & GAS - Land

Products

Pressure



- 0-1 PSI to 100,000 PSI
- Gage, Absolute, Differential, Vacuum, Compound
- Analog Outputs of 4-20 mA, 3/4 Wire Voltage
- Digital Outputs of MODbus, CANbus, RS-232, RS-485
- Stainless Steel or Exotic Material Construction
- Secondary Containment

Temperature



- -320°F to 800°F
- Pressure Rating to 10,000 PSI
- Analog or Digital Signal Outputs
- Probe Lengths to 12"
- Dual Pressure/Temperature Output Units
- No Thermowell Required

Load



- 5 lb. to 1,000,000 lb.
- Tension / Compression
- Pancake, Rod End, Miniature, Thru Hole, Beam, Canister
- mV/V or Amplified, Analog or Digital
- Stainless Steel, Tool Steel, Aluminum, others
- Multiple Bridge Outputs

Applications

Applications



Well Services

- N₂ Pumping Pressure
- Coiled Tubing Injector Forces
- Steam Injection Pressure and Temperature
- Hot Oil Pumping Pressure and Temperature
- Hydro Fracturing Pressure
- Wireline/Slickline Tension Force

Drilling/Workover Rigs

- Mud Pumping Pressure
- Standpipe Pressure
- MWD/LWD Pressure
- Mast Weight and Hook Loads
- Torque Tong/Power Tong Force
- Hydraulic Pressure
- Engine/Transmission Pressure and Temperature

Special Applications

- Control and Monitoring Systems
- Gas Custody Systems
- Filter Monitoring
- Refrigeration Systems
- CO₂ and SO₂ Recovery
- Digital Output (CANbus-J1939/RS485/RS232)
- Application Specific Designs
- Custom Engineered Sensor Solutions

Gas Production and Process Systems

- Natural Gas Compressors
- Gas Panels and Controls
- Gas Storage and Handling
- Gas Chilling and Condensation
- LNG Storage
- Gas Purification
- Coal Bed Methane

Hazardous Areas

- Wellhead Monitoring
- Casing and Tubing Pressures
- Flow Measurement Systems
- Gas Compressors
- Intrinsically Safe
- Explosion Proof
- True Secondary Containment
- Compliance to ANSI/ISA – 12.27.01-2003



Intrinsically Safe Class I, Div 1, Groups ABCD
Explosion Proof Class I, Div 1, Groups ABCD



Intrinsically Safe II 1 G EEx ia IIC T5
Flameproof II 1 G EEx d IIC T5

ABS DNV

ATEX CE



Your "Application-SolutionSM" Source

Capabilities

Design, Engineering and Manufacturing



Stellar Technology engineers and manufactures pressure, temperature and load sensors for a variety of applications - from satellites and space vehicles... to oil and gas exploration... to routine industrial measurements. Since 1991, the company has grown from providing standard sensor configurations into one of the few sensor manufacturers in the market today that will custom design a sensor configuration to most closely match a specific application.

Your "Application-SolutionSM" Source, our company slogan, illustrates our distinct niche in being able to provide a tailored solution for these highly specialized applications.

With a staff of highly trained application and design engineers, along with a 50,000 square foot production facility located in Amherst, New York, Stellar Technology has the capabilities to offer customers, both small and large, sensors that meet their measurement requirements. Manufacturing at STI has been configured to build a single custom sensor quickly and efficiently or serve the on-going needs of OEM. A tour of the manufacturing facility shows the latest CNC machining equipment, a thorough inspection process, and automated test equipment - with an overall mindset of building the best sensors available on the market today.

Because Stellar Technology Controls the Total Manufacturing Process, You're Assured of Reliable Products that Adhere to the Highest Standards.

Visit Us at:
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