



ISO 9001/AS9100 Certified

PT17XX

PRESSURE AND TEMPERATURE TRANSDUCERS

YOUR ENGINEERED SOLUTION SOURCE SM



DESCRIPTION

Stellar Technology's Series PT17XX transducers combine both a pressure sensor and temperature sensor in one unique package. The Series PT17XX is designed with proprietary electronics which provides a variety of both analog and digital high level outputs. The PT17XX is constructed of all welded stainless steel and incorporates reliable bonded foil strain gage technology and durable RTD elements. All units are manufactured with shock and vibration protection.

In addition to a wide variety of electrical outputs, the PT17XX pressure/temperature sensors offer many customer specific variations of process connections and electrical terminations. Temperature probe dimensions come with standard lengths as well as customer specified dimensions. A 4-20 mA, 2-wire output version of the Series PT17XX is available where intrinsically safe requirements are specified. Isolated voltage output is a standard feature of the voltage output units. The Model PT1714 is the CANbus version of the Series PT17XX. The Series PT17XX pressure/temperature transducers provide low sensitivity to shock and vibration.

When dual measurements are required, these dual output pressure/temperature transducers provide customers with significant cost reductions. Some of the favorable cost reduction factors include no thermowells, reduced process connections, reduced sensor inventory, and reduced wiring.

STANDARD FEATURES

- Stainless Steel Construction
- NIST Traceable Calibration
- Hermetically Sealed
- Probe Lengths from 1" to 4"
- Two Independent Circuits
- Ranges to 20000 PSI
- Low sensitivity to shock and vibration

OPTIONAL FEATURES

- Remote Operation
- Probe Length Greater Than 4"
- Digital Outputs
- Special Ranges
- Low Current Draw Electronics
- Temperature probe from -320°F to +750°F
- Additional Shock and Vibration Protection



A US Manufacturer of: Pressure, Temperature, Load/
Force/Torque, and Displacement Sensors.

