



TE – Pressure Measurement: General overview

Available Features:

- **Pressure range** (Fullscale) from 1 mBar to 7kBar
- **Harsh Environment** compatibility
- **Performance:** total error band of less than 1%FS
- **Pressure types:**
 - Absolut
 - Compound gage
 - Gage
- **Sealed gage**
- **Vacuum Gage**
- **Differential**
- **Output:**
 - Analog
 - Digital
- **mV-Output**
- **amplified** (up to 30V)
- **current output** (4 - 20mA)
- **I2C or SPI; Bluetooth**

Technology/Product Types:

MEMS Piezo Resistive

Board Mount Pressure Sensors

- Altimeters/Barometers



- (Ultra-) low Pressure Sensors



Board Mount Applications:

Ventilators, Drones,
Navigation Devices,
Energy Efficiency,
Wearables, HVAC

Media Isolated Transducers/Transmitters (Ultrastable)



Media Isolated Pressure Cells



Media Isolated Applications:

Peritoneal Dialysis,
Industrial Laser Cutting,
Ink Printing,
Data Loggers

MEMS Silicon Strain Gage

Microfused Pressure Transducers



Microfused Applications:

Frozen Beverage Dispenser,
HVAC/R, Paint Robots,
Sub-Sea Robotics,
Medical Gas Cylinder

Bonded Foil Strain Gage (BFSG)

High Pressure Transducer



BFSG Applications:

Light Rail,
Ship Ballast Tanks,
Refinery,
Heavy Industry