



The energy market continues to face new challenges with deeper drilling, higher temperatures, and higher pressures. TE Connectivity's Sensor technologies with advanced electronics, materials, and design packages provide safe, reliable, and accurate data measurements—all while enduring some of the harshest application environments on earth. By combining application expertise and global hazardous location certifications, our broad portfolio of standard designs and custom packages are helping to improve performance and reliability for the Oil & Gas industry.

Applications



Pipes & Pipelines



Pumps



Compressors



Heat Exchangers



Valves



Separators



Storage Tanks



Turbines



**Instrumentation &
Control Systems**



Wastewater Management



Liquid Level Sensors

Submersible Liquid Level Pressure Transducer [AST4500/4510](#) [AST4520](#) [AST4530](#)

Oil Property Sensors

Multi-Parametric Oil Quality Sensor OPS3

Pressure Sensors

Bluetooth® BLE 5.3 (Low Energy) Wireless Pressure Sensors 65XXN

Explosion Proof Pressure Transducer [AST4600](#) [AST46PT](#)

[Industrial Pressure Transducer AST4000](#)

[Intrinsically Safe Pressure Transducer AST4400](#)

[Intrinsically Safe Wireless Microfused Pressure Transducer M5601](#)

[LoRaWAN® Wireless Pressure Sensors 69XXN](#)

[Low Pressure Intrinsically Safe Pressure Transducer AST44LP](#)

[Non-Incendive Pressure Transducer AST4300](#)

[Wireless Differential Pressure Transducer D5601](#)

[Wireless UltraStable Pressure Transducer U5601](#)

Temperature Sensors

[Epoxy Glass Laminated Stator RTD](#)

[Increased Safety Wire Wound Stator RTD Sensor](#)

[Stator Thermocouple](#)

[Thin Film Sensing Increased Safety RTD Sensor](#)

[Tip Sensitive Bearing RTD Probe](#)

[Tip Sensitive Bearing Thermocouple](#)

[Tip Sensitive Increased Safety RTD Sensor](#)

Vibration Sensors

[Single Axis Piezoelectric Accelerometer 820M1](#)

[Single Axis Wireless Vibration Sensor with Bluetooth 8511](#)

[Single Axis Wireless Vibration Sensor with LoRaWAN 8911](#)

[Triaxial Embedded Piezoelectric Accelerometer 830M1](#)

[Triaxial Wireless Vibration Sensor with Bluetooth 8531](#)

[Triaxial Wireless Vibration Sensor with LoRaWAN 8931](#)