The energy market continues to face new challenges with deeper drilling, higher temperatures and higher pressures. TE Connectivity’s (TE) 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.

**SENSOR TECHNOLOGIES**
- PRESSURE
- DIFFERENTIAL PRESSURE
- TEMPERATURE
- POSITION
- LEVEL

**OIL & GAS APPLICATIONS**
- WELLHEAD INSTRUMENTATION
- GAS COMPRESSION
- OFFSHORE
- PIPELINE MONITORING
- STORAGE TANKS & LEVEL MEASUREMENT
- SUB SEA
**PRESSURE TRANSMITTERS**

**AST4600/AST46HA**
Conducted with a simple, rugged design, the AST4600 explosion-proof pressure transducer stands up to a variety of applications where price and performance are critical.

**AST46DS**
This latest series features high accuracy and a quick turnaround for demanding heavy industry applications including surge protection and reverse polarity protection.

**AST4300/AST43LP**
Certified for Class I Div 2 environments, they are AST4300 non-incendive pressure transducer can be designed for pressure up to 20,000 PSI.

**AST4000**
The transmitter is built using proprietary process and the latest CMOS sensor conditioning circuit to create a low-cost, high performance transducer designed to meet the stringent requirements from OEM customers.

**AST4400**
The AST4400 pressure transducer is rated for Class I Div 1 Intrinsically Safe Groups C, D, when installed with an approved barrier.

**AST44LP**
The AST44LP series is commonly utilized for low-pressure applications including tank level monitoring.

**AST4401**
The AST4401 is the solution for pressure measurement in intrinsically safe areas. The pressure transducer can be configured in voltage and 4-20mA output signals.

**P900, P981, P1200, P700, P9900**
These Surface Mount Pressure Transducers are premium grade sensors that provide highly precise measurements of absolute, vented gauge, or sealed gauge pressures over wide temperature ranges.

**AST8000**
Platinum RTD based temperature sensor packaged in a stainless steel housing.

**HUMMER UNION – 5G02**
The Hummer union pressure transmitter is a US manufactured pressure transmitter with Weco™ process connections.

**AST53ED/AST53EN**
The AST5300 differs low differential pressure management ranges in high line pressure applications with excellent burst pressure capabilities.

**AST45ED/AST45EN**
The AST5400 web/wet differential pressure transducers can measure the differential pressure of liquids or gases with line pressure up to 5,000 PSI.

**LEVEL SENSORS**

**AST4500/AST4510**
The AST4500 and AST4510 submersible pressure transducers are used for monitoring liquid level of water, fuel and oils in intrinsically safe areas with an approved barrier.

**AST4520**
The AST4520 flush submersible liquid level sensor is the cost effective solution for level monitoring of turbulent tanks with viscous media.

**AST4530**
The AST4530 submersible pressure transducer is constructed using PVDF material and a PTFE diaphragm.

**AST8000**
The Model 46SW is a high-accuracy hydrostatic level transducer constructed using PVDF material and a PTFE diaphragm.

**LEVEL SENSOR TRANSDUCERS**

**KPSI 27, 28**
The KPSI 27 & 28 transducers are for sensing non-submersible pressure specifically designed for demanding industrial applications where the primary criteria are reliability and economy with a typical lead time of 2 business days or less.

**KPSI 30**
The KPSI 30 transducer for sensing non-submersible pressure is specifically designed for demanding industrial applications where the primary criteria are reliability and economy.

**KPSI 705**
The KPSI 705 is a non-fouling submersible level transducer specifically designed to meet the adverse environments encountered in a slurry or highly viscous application and can be installed in a 4-pipe configuration.

**KPSI 745, 750**
The KPSI 745 Submersible Hydrostatic Level Transducer is specifically designed to meet the rigorous environments encountered in seawater applications with a typical lead time of 5 business days or less.

**KPSI 320, 330, 335, 342**
The KPSI 320s are high-accuracy, compact, 0.1% (0.05% FS) full scale, hydrostatic level transducers specifically designed for small bore applications and to meet the rigorous environments encountered in ground water level measurements.

**KB/LTR SERIES**

**LTB/LTR SERIES**

**LTA/LT SERIES**

**LOW DIFFERENTIAL PRESSURE TRANSDUCERS**

**AST4530**
The AST4530 submersible pressure transducer is constructed using PVDF material and a PTFE diaphragm.

**AST4520**
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**AST4510**
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**AST4500**
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**AST45ED/AST45EN**
The AST4500 web/wet differential pressure transducers can measure the differential pressure of liquids or gases with line pressure up to 5,000 PSI.

**LEVEL SENSORS**

**KPSI 837 Series**

**LTB/LTR SERIES**

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