



SMART METERING SENSORS

TE Connectivity's (TE) sensors are able to accommodate special full-scale ranges and signal conditioning requirements to enhance performance. Our temperature and pressure sensors are used for flow correction of gases flowing from one point to another. They meet the two key parameters critical for successful measurement; high accuracy and stability. We manufacture each sensor to meet these requirements through extended burn-in to enhance stability and on-board electronics to provide accuracy.

- POSITION
- PRESSURE
- TEMPERATURE
- VIBRATION

QUALITY STATEMENTS

- ISO 9001
- MID 2004/22/EC annex D

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PRESSURE SENSORS

[85BSD](#)

The 85BSD is a small profile, media compatible, piezoresistive silicon pressure sensor packaged in a 316L stainless steel housing.



[82C](#)

The 82 compensated is a 19 mm small profile, media compatible, piezoresistive silicon pressure sensor packaged in a 316L stainless steel housing.



[US300](#)

The US300 series low volume OEM pressure transducer incorporates stainless steel isolation and provides a wide choice of standard pressure ranges and electrical outputs in a very low cost and compact package.



[MS5803](#)

The MS5803 is a new generation of high resolution pressure sensor with SPI and I2C bus interface.



[MS52xx-C&T](#)

The MS52xxC&T SMD pressure sensor series is designed for industrial pressure sensor systems with highest demands on resolution, accuracy and reliability.



POSITION SENSORS

[KMA36](#)

The KMA36 is a highly reliable universal magnetic position sensor IC for precise rotational or linear measurement with a resolution up to 0.04 degree.



TEMPERATURE SENSORS

[PTF](#)

The PTF line of Pt thin film sensing elements are used for temperature compensation in metering applications, have excellent long-term stability and are interchangeable with a fast time response.



[Platinum Transducer](#)

The platinum probe assemblies are ruggedized sensors used for temperature compensation in metering applications, are sealed to IP68 and are vibration and shock resistant to EN60068.



VIBRATION SENSOR

[MiniSense 100](#)

The MiniSense 100NM is a low-cost cantilever-type vibration sensor offering moderate sensitivity over a useful frequency band up to 200 Hz.

