Long development cycles & high costs require aerospace companies to identify stable & reliable sensor solutions. With AS9100 certified facilities to support Tier 1, 2 and 3 providers, TE Connectivity (TE) delivers a wide variety of mission-critical applications in aerospace and defense. Commercial and military aircraft OEMs around the world rely on TE innovations. By leveraging our core competencies in highly reliable sensors for harsh environments, we enable our customers to transform their concepts into creations – redefining what’s possible using intelligent, efficient and high-performing TE products and solutions.

- POSITION
- PRESSURE
- TEMPERATURE
- TILT
- VIBRATION

QUALITY STATEMENTS
- AS/EN 9100
- ATEX
- ESA/ESCC Qualified
- ISO 14001
- ISO 9001
- MID 2004/22/EC Annex D
- NADCAP
- NASA/GSFC Qualified
- PART21G
- TS 16949

DESIGN/DEVELOPMENT
- DO-160
- DO-254
- GRESS
- MIL-STD-810

LEARN MORE
PRESSURE SENSORS

1230
The 1230 is a high-performance temperature-compensated, piezoresistive silicon pressure sensor packaged in a dual-in-line configuration.

MS52xx/MS54xx
The MS52XX and MS54XX pressure sensor series is designed for pressure systems with the highest demands on resolution and accuracy.

89U
The 89 uncompensated is a small profile, mediaco compatible, piezoresistive silicon pressure sensor packaged in a 316L stainless steel housing.

P900
The P900 series test and measure pressure transducers are premium grade sensors that provide highly precise measurement of absolute, vented gauge, or sealed gauge pressures over wide temperature ranges.

M7100/U7100
The M7100 and U7100 pressure transducers are suitable for measurement of liquid or gas pressure, even for difficult liquids and gases, such as contaminated water, steam and corrosive fluids.

XPC10
The XPC10 series M10X1 mV miniature pressure transducer is specifically designed to measure static and dynamic pressures in temperatures from -40 to 220 °C (unamplified models).

EPIH
The EPIH is a subminiature pressure sensor, specifically designed for dynamic and high-frequency measurements with resonant frequency up to 1.7 MHz.

FORCE/TORQUE SENSORS

FN HL Series
The FN HL series range mount provides measurement of force between geared rotary actuator and slat on high lift systems.

FN TH Series
The FN TH series load pin is responsible for the detection of secondary load path engagement on trimmable horizontal stabilizer actuator.

FN PC Series
The FN PC series are compact, high performing sensors that monitor pilot input forces for flight data recording.

FN EM Series
The FN EM series are ultra-flat compression sensors for integration directly into electro mechanical actuators.

FN AF Series
The FN AF series monitors force between the electrical actuator and the ailerons.

TEMPERATURE SENSORS

Platinum Thin Film Chips
The platinum thin film chips come in an industry standard size and provide excellent long term stability and good accuracy and respond fast to temperature changes.

Platinum Thin Film Sensors
The platinum temperature sensors are designed to provide precise, stable measurement in extreme temperature applications. These sensors offer high value through proven design, ease-of-use, reliable performance and quick availability.

Glass Wire Wound Sensors
The RTD temperature sensor that’s resistant to external forces and pressures with a short response time.

POSITION SENSORS

Resolver
The Multi-Coil Resolver (MCR) sensor is designed to determine synchronous electric motor rotor position by scanning magnetic fields.

Synchro
The magnetic sensor proved 360° of sensing are robust, wear-free and EMI insensitive and can sense up to 10,000 rpm.

Multiturn Position Sensor Unit
The multiturn position sensor is robust and DO160 qualified and provides accurate rotational sensing for up to 360 turns.

PIEZO FILM SENSORS

Piezo Cable
The piezo cable is another form of piezo polymer sensor. Designed as a coaxial cable, the piezo polymer is the dielectric between the center core and the outer braid.

ULTRASONIC SENSORS

LL-01
The LL-01 series liquid level switch uses proven ultrasonic technology combined with compact electronics yielding improved performance in aerated liquids.

LL-10
The LL-10 series liquid level switch is a direct replacement for mechanical float type liquid level devices.

te.com/sensors
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