

MOVING PRESSURE SENSING FORWARD, TOGETHER

WE ENGINEER PRESSURE SENSING SOLUTIONS THAT BRING PRECISION, RELIABILITY, AND CONFIDENCE TO CRITICAL APPLICATIONS.

PRESSURE SENSOR TECHNOLOGY

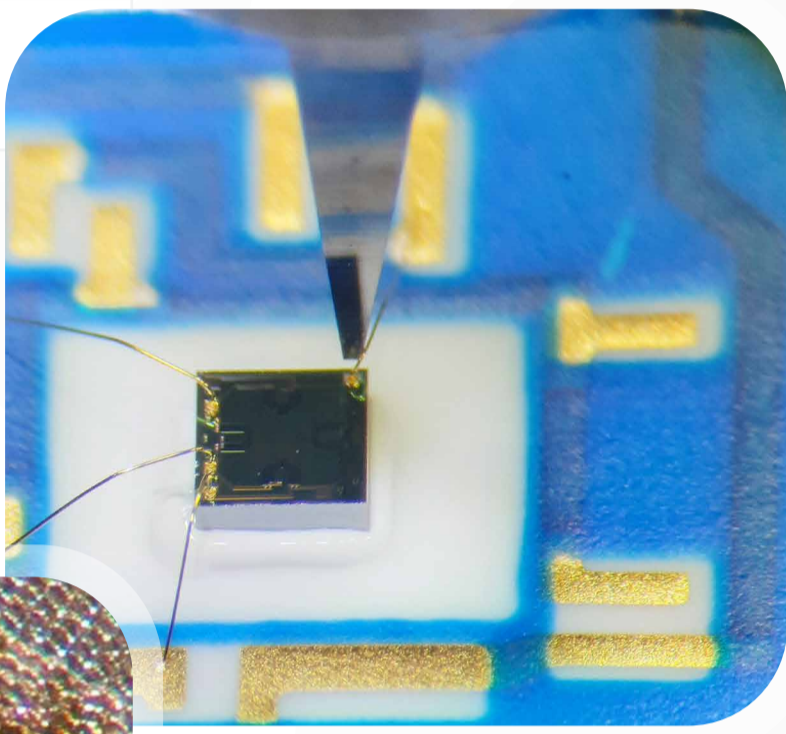


MINIATURIZATION

Enables integration into compact systems and minimally invasive medical devices.

MEMS PRESSURE SENSORS

High-performance silicon-based sensors offering advanced accuracy, small footprint, and excellent long-term stability, suitable for compact and various applications.

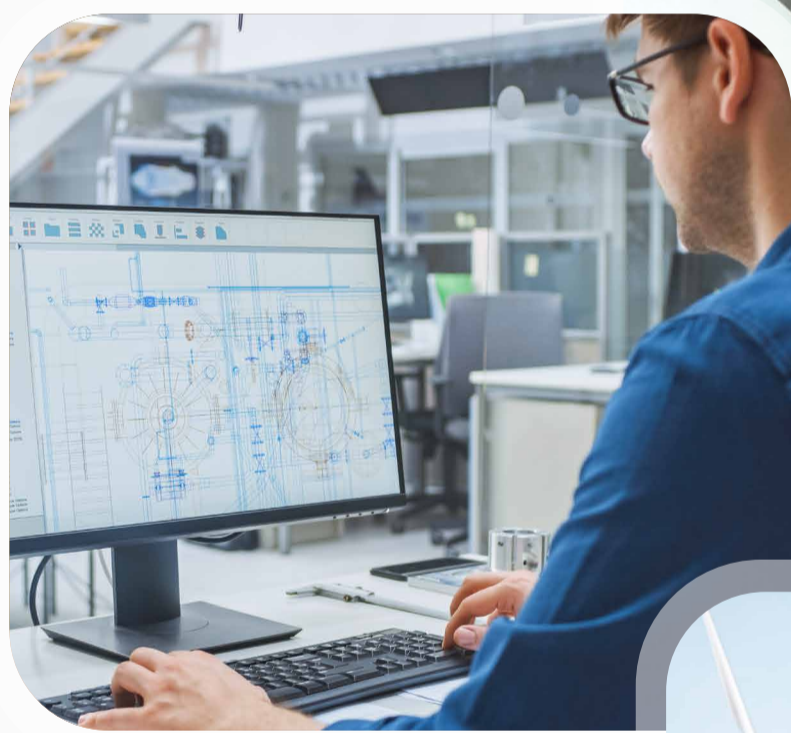


MICROFUSED STRAIN GAGE SENSORS

TE exclusive glass microfused technology enables robust mechanical bonding for long-term stability, high burst pressure, and excellent drift performance.

BONDED FOIL STRAIN GAGE SENSORS

Proven strain measurement technology with strong overload capability and high accuracy for industrial and transportation environments.



ASIC Engineering and Design

TE-owned ASIC design enables precision signal conditioning, low noise, and customizable digital output for different system architectures.

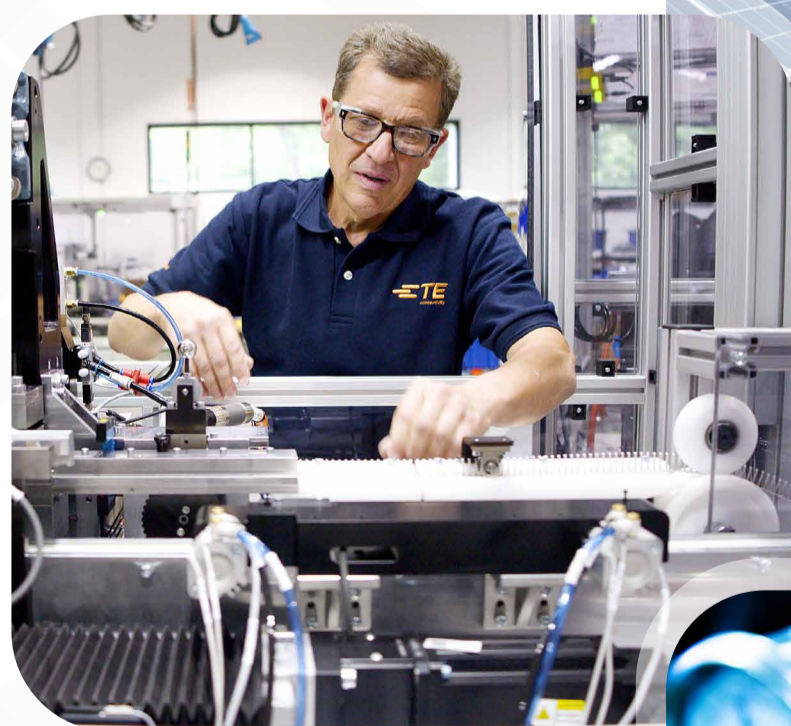
FULL INTEGRATION CAPABILITY

TE offers a fully integrated approach—from sensing element design to signal conditioning, ASIC integration, assembly, and packaging — across a wide range of pressure requirements and form factors.



PACKAGE AND ASSEMBLY EXPERTISE

Ruggedized and miniaturized packaging enables compatibility with harsh media and critical medical environments, combining reliability and compact design.



WIDE PRESSURE RANGE CAPABILITY

TE pressure sensors cover an extensive range of pressures — from low-pressure MEMS elements for precise medical devices to high-pressure strain gage technologies for rugged industrial applications. This versatility enables reliability and accurate performance across diverse environments and system requirements.



Our pressure sensors transform data into decisions, powering progress in devices that heal, protect, and move the world forward — together.

CONTACT US TO LEARN MORE >