

# Amphenol Sensors

Connecting your world through  
Sensor Innovations



Amphenol Sensors is the leading  
innovator in sensor technologies and  
measurement solutions

[amphenolsensors.com](http://amphenolsensors.com)

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## TEMPERATURE

With 70+ years of experience in the development, design and manufacture of high quality sensors, Thermometrics offers one of the most comprehensive ranges of temperature measurement and sensing products in the world today. Technologies include high accuracy NTC and PTC thermistors, non-contact infrared (IR) sensors, sensor assemblies and custom design capabilities.

[Thermometrics.com](http://Thermometrics.com)



## GAS & MOISTURE

For more than 30 years, Telaire has been a leading manufacturer of Carbon Dioxide (CO<sub>2</sub>), Dust and Humidity Sensors for the commercial HVAC, consumer goods and automotive industries. Telaire holds more than 30 patents in CO<sub>2</sub> sensing, including the original automatic calibration algorithm – ABC Logic®.

[Telaire.com](http://Telaire.com)



## PRESSURE

NovaSensor is a leader in MEMS pressure sensors, elements and advanced packaging solutions. Our product line includes cost effective families of surface mount, hybrid and media-isolated sensors that serve medical, industrial, transportation, and military/aerospace. Available in all levels of calibration, from uncalibrated to fully-calibrated, amplified analog and digital output versions.

[NovaSensor.com](http://NovaSensor.com)



## MOISTURE METERS

Protimeter offers a leading line of handheld moisture meters and thermo-hygrometers for building survey, building restoration, construction and agriculture. With nearly 60 years of experience in the design and manufacture of moisture measurement products, Protimeter leads the way in design, innovation, performance and integrity.

[Protimeter.com](http://Protimeter.com)



## TEMPERATURE SENSORS

Exa Thermometrics leads the way in the design and manufacture of high quality thermistors for advanced temperature sensing. With state-of-the-art polycrystalline semi-conductor fabrication capabilities, Exa manufactures NTC thermistor chips, discs and rings/poles, a variety of glass-encapsulated chips, lead frame coated devices, microchip-based catheter thermistor probes, and OEM customer-specific temperature probes.

[ExaThermometrics.co.in](http://ExaThermometrics.co.in)



## VIBRATION, PRESSURE, FORCE & ACOUSTICS

PCB manufactures sensors used by design engineers and testing professionals to measure vibration, shock, pressure, force/strain, and acoustics in research and development, as well as monitoring applications for aerospace and defense, automotive, transportation, civil engineering, and general R&D industries. Our primary sensor technologies include piezoelectric, piezoresistive, and capacitive MEMS.

[PCB.com](http://PCB.com)



## VIBRATION & PRESSURE

IMI Sensors offers a wide range of industrial vibration sensors, bearing fault detectors, mechanical vibration switches, panel meters, cables, and accessories for predictive maintenance and equipment protection. For power generation and energy applications requiring precision measurements, IMI also offers pressure sensors and accelerometers.

[PCB.com/IMI-Sensors](http://PCB.com/IMI-Sensors)



## VIBRATION, PRESSURE & MEMS

Endevco provides a complete range of dynamic test and measurement sensor solutions, including piezoelectric and MEMS accelerometers, shock sensors, miniature pressure transducers, signal conditioners, cables, and accessories. Our brand is known for providing high reliability products for a wide range of testing applications, including automotive design and crash testing, aircraft/space vehicle testing, weapons/munition testing, and general lab testing.

[Endevco.com](http://Endevco.com)

Offering the most diverse sensor portfolio of standard and customized products for the world's most demanding regulatory and industry-driven applications, Amphenol Sensors creates value by providing critical information for real-time decisions.



VALIDATION

The Kaye product range is relied upon by the world's leading pharmaceutical and biotechnology companies to validate and monitor critical assets and processes, such as sterilization, as required by governing regulatory bodies. Kaye products are designed to meet the most demanding requirements for process improvement, thermal validation and environmental monitoring.

[KayeInstruments.com](http://KayeInstruments.com)



GAS & PM / DUST

SGX Sensortech is a leader in gas, dust and air quality sensors for more than 60 years. We offer catalytic, infrared, solid polymer, metal oxide and electrochemical sensors for combustible and toxic gases. We can spot toxic leaks early on for automotive and industrial air quality applications. Our sensors also detect gas leaks in hydrogen system or Li-ion batteries and generate an early warning signal in the event of a leak or Thermal Runaway event.

[SGXSensortech.com](http://SGXSensortech.com)



POSITION, SPEED, CURRENT

At Piher Sensing Systems we are experts in contactless and contacting sensor technologies for position, speed and current measurement. With more than 70 years' experience, we have the capability to move seamlessly from prototyping to true high-volume production. This makes us a trusted partner for customers in automotive, off-road, industrial, appliance, medical and marine markets throughout the world.

[Piher.net](http://Piher.net)



VIBRATION

Wilcoxon Sensing Technologies has a strong legacy of success in vibration monitoring with hundreds of thousands of sensors currently in service around the world. Built for long use and excellent performance, our high quality accelerometers, 4-20 mA sensors, transmitters and instrumentation provide accurate and reliable measurements for demanding applications across many markets.

[Wilcoxon.com](http://Wilcoxon.com)



ULTRASONIC

Piezo Technologies manufactures a world-renowned line of piezoelectric ceramic materials, as well as engineered solutions and sensor designs for custom ultrasonic transducers, devices, next higher assemblies and systems. Piezo's specialized piezoceramic formulations and integrated ultrasonic systems enable precision measurements, sensors, acoustic events and more.

[PiezoTechnologies.com](http://PiezoTechnologies.com)



ULTRA-LOW PRESSURE

Notable for high accuracy and repeatability, All Sensors is an industry leader in the design and manufacture of ultra-low pressure sensors. Well-suited for flow measurement and control applications, pressure ranges are available as low as 0.25 in H<sub>2</sub>O and as high as 150 PSI. Custom options are available, including port fittings, packaging, pressure ranges and performance values.

[AllSensors.com](http://AllSensors.com)



PRESSURE & TEMPERATURE

i2s is your partner in sensor technology for the automotive, commercial-vehicle and conventional industries. When you work with us, you can rely on intelligent solutions for measuring pressure and temperature as well as for combined sensors.

[i2s-Sensors.de](http://i2s-Sensors.de)



SSI Technologies, LLC

LEVEL, CONCENTRATION, SPEED AND PRESSURE

Celebrating 40 years of custom sensor design and manufacturing, SSI utilizes patented ultrasonic technology along with piezoresistive and hall effect technologies to produce standard and custom ultrasonic level, concentration, speed and pressure sensors for the automotive, industrial and consumer markets. Our sensors exceed expectations in the most demanding applications while creating value for our customers.

[SSITechnologies.com](http://SSITechnologies.com)



SOUND & VIBRATION

The Modal Shop, Inc., offers structural vibration and acoustic sensing systems and services for various applications in design and test laboratories, as well as manufacturing facilities. The Modal Shop also offers an extensive sound and vibration rental program, precision calibration systems, modal shakers, non-destructive test systems, and digital sensors, which are all designed to simplify testing.

[ModalShop.com](http://ModalShop.com)



TELEMETRY

Accumetrics, Inc., offers digital telemetry systems used in a wide variety of applications from aerospace to power generation. Systems transmit sensor data from rotating structures using wireless techniques. Measurement solutions range from single channel solutions, measuring torque, temperature or voltage, to advanced rotor ground fault detection systems.

[Accumetrix.com](http://Accumetrix.com)



NOISE & VIBRATION

Larson Davis offers a full line of noise and vibration measurement instrumentation, such as sound level meters, outdoor noise monitoring systems, personal noise dosimeters, and human vibration meters. Instrumentation is used in a range of applications from community and environmental noise monitoring to industrial hygiene measurements.

[LarsonDavis.com](http://LarsonDavis.com)



Temposonics

MAGNETOSTRICTIVE LINEAR POSITION

Temposonics is recognized as an industry leader in sensing technologies and solutions. These sensors permit precise and dynamic position and speed measurement in advanced automation and safety-relevant applications. With a versatile and ever-increasing product portfolio, Temposonics works closely with customers, to optimize performance and reduce downtimes.

[Temposonics.com](http://Temposonics.com)

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## Sensor Technologies

MAJOR MARKETS SERVED	Thermometrics, Inc.	Telaire	NovaSensor	Protimeter	Kaye	SGX Sensortech	Piher Sensing Systems	Wilcoxon Sensing Technologies	Piezo Technologies	i2s	All Sensors	SSI Technologies	Exa Thermometrics	PCB Piezotronics	Endevco	Temposonics
	Temperature	Gas & Moisture	Pressure	Moisture Meters	Thermal Validation	Gas	Position, Speed, Current	Vibration	Ultrasonic	Pressure & Temperature	Ultra Low Pressure	Level, Concentration, Speed & Pressure	Temperature	Vibration, Pressure, Force & Acoustics	Vibration, Pressure & MEMS	Position, Velocity, Level
Aerospace (Commercial)	●		●			●	●				●	●	●	●	●	●
Agriculture	●	●		●		●	●			●	●	●	●	●		●
Air Quality (Indoor)	●	●	●	●		●	●	●			●	●	●	●		
Automation	●	●					●	●			●		●	●		●
Automotive	●	●	●			●	●			●		●	●	●	●	●
Construction & Restoration				●								●		●		●
Vehicle Electrification	●	●	●			●	●			●		●	●	●	●	●
Energy	●					●		●	●		●		●	●		●
Environmental Monitoring					●	●					●					●
Heavy Vehicle & Off-Road (HVOR)	●		●			●	●			●		●	●	●	●	●
HVACR	●	●	●			●	●	●		●	●	●	●	●		
Industrial	●	●	●	●		●	●	●		●	●	●	●	●		●
Marine	●					●	●	●			●	●		●		●
Medical	●	●	●		●	●	●		●		●	●				●
Military	●		●			●		●	●		●	●		●	●	●
Non-Destructive Testing (NDT)									●							
Oil & Gas	●		●			●	●	●	●		●	●	●	●		●
Pharmaceutical & Biotech					●	●					●	●		●		●
Process Control	●	●	●			●	●	●		●	●	●	●	●		●
Railway	●					●		●			●	●	●	●	●	●
Thermal Validation					●											