

Amphenol Sensors

Connecting your world through
Sensor Innovations



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

amphenolsensors.com

Amphenol Sensors



THERMOMETRICS

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

TELAIRE®

GAS & MOISTURE

For more than 30 years, Telaire has been a leading manufacturer of Carbon Dioxide (CO₂), Dust and Humidity Sensors for the commercial HVAC, consumer goods and automotive industries. Telaire holds more than 30 patents in CO₂ sensing, including the original automatic calibration algorithm – ABC Logic®.

Telaire.com

**NOVA
SENSOR®**

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



PROTIMETER

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

**Piezo
Technologies™**

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



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 H₂O and as high as 150 PSI. Custom options are available, including port fittings, packaging, pressure ranges and performance values.

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



SSI Technologies, LLC

LEVEL, CONCENTRATION, SPEED AND PRESSURE

SSI is a leading global design and manufacturing company specializing in the production of sensors for diverse markets such as automotive, heavy truck, construction, agriculture, recreational, and industrial sectors. Our extensive product portfolio includes ultrasonic level and concentration sensors, speed and position sensors, pressure sensors, including custom variations of all. At SSI, we develop strong customer partnerships and are committed to exceeding expectations for product performance and value.

SSITechnologies.com

THE MODAL SHOP

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. The Modal Shop, Inc. is a subsidiary of PCB Piezotronics.

ModalShop.com

ACCUMETRICS

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. Accumetrics, Inc. is a subsidiary of PCB Piezotronics.

Accumetrix.com

LARSON DAVIS

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. Larson Davis is a division of PCB Piezotronics.

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

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



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



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



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



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/polos, a variety of glass-encapsulated chips, lead frame coated devices, microchip-based catheter thermistor probes, and OEM customer-specific temperature probes.

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



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



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



ULTRASONIC TRANSDUCERS & WEATHERSTATIONS®

Airmar Technology is a global leader in designing, developing, and manufacturing the most advanced ultrasonic transducers available. With a diverse portfolio of high-quality ultrasonic products, including marine transducers, air-ranging transducers, scientific marine and survey transducers, and precision weather-sensing instruments, we cater to the unique requirements of our global sensor development customers. We also specialize in custom-designed transducers.

Airmar.com



ULTRASONIC TRANSDUCERS & ARRAYS

MSI Transducers specializes in custom transducers and arrays for both commercial and defense markets. MSI's broad design and manufacturing capabilities enables us to build everything from state-of-the-art synthetic aperture sonars to low cost commercial arrays. MSI can help you turn your idea into a design, or manufacture your build to print product, in piezocomposite, solid ceramic (own manufacturing capabilities), or any other material to meet your performance needs.

MSItransducers.com



COMMERCIAL FISHING SOLUTIONS

Marport designs catch control and net monitoring sensors, echo sounders, current profilers and sonar to provide full solutions for the world's commercial fishing fleet. We also provide development services to the world's top companies who count on our expertise. Our technology solutions improve operational efficiency, reduce waste and increase catch quality.

Marport.com



TPMS, TELEMATICS, AND PEPS

LID Technologies, a first-class OE automotive supplier, is specialized in the development, industrialization and commercialization of smart and wireless embedded electronic systems for automotive markets, from tire pressure sensors (TPMS) to Passive Entry & Start systems, as well as Telematics gateway. In more than 20 years, LID has established its position in markets such as Motorcycles, Trucks & Buses, Trailers, Off The Road vehicles, construction, agriculture, small series vehicles and Racing.

LID.tech

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access our library of
resources*

www.amphenolsensors.com

**Amphenol
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