

Amphenol Sensors

Connecting your world through
Sensing Innovations



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

amphenolsensors.com

Amphenol Sensors



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



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 awarded patents in CO₂ sensing, including the original automatic calibration algorithm – ABC Logic®.

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 and transportation applications. Available in all levels of calibration, from uncalibrated to fully-calibrated, amplified analog and digital output versions.

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



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 semiconductor 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



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

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

SGX Sensortech has been designing and manufacturing gas and air quality sensors and modules for over 50 years. We offer a wide range of gas sensor detection technologies, catalytic, infrared, metal oxide and electrochemical, along with a sensor portfolio offering flammable and toxic gas solutions for automotive and industrial air quality applications.

SGXSensortech.com



POSITION

Piher Sensing Systems is a specialty manufacturer of standard and custom position sensor solutions. With a broad portfolio of contactless sensors (magnetic and inductive technologies), potentiometers and printed electronics, Piher offers rotary and linear position, speed, and switch solutions for applications requiring the highest level of accuracy and reliability under extreme environmental conditions.

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



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 first point of contact when it comes to developing and producing pressure sensors, temperature sensors and combined sensors for multiple physical quantities. For 20 years, customers in the automotive and commercial vehicle industries, mechanical engineering, and measurement and testing technology have relied upon our experience and expertise.

i2s-Sensors.de



SSI Technologies, LLC

ULTRASONIC LEVEL & QUALITY

SSI Technologies is an innovative company committed to precision engineering and customer support. We design and manufacture pressure, magnetic speed and position, and ultrasonic level and quality sensors for the automotive and industrial markets.

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



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



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



Temposonics

MAGNETOSTRICTIVE LINEAR POSITION

Temposonics is recognized as an industry leader in sensor technologies and solutions for precise and dynamic measurements of position and speed 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 downtime.

Temposonics.com

Amphenol Sensors

Sensor Technologies

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

**Amphenol
Sensors**

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AAS-BR-238F - 07/2021