

Highly Reliable Temperature Sensors and Seals

for the PowerGen Industry



Conax
TECHNOLOGIES

Ideas. Solutions. Success.

Solutions for a broad range of applications and industries

Products for a wide range of:

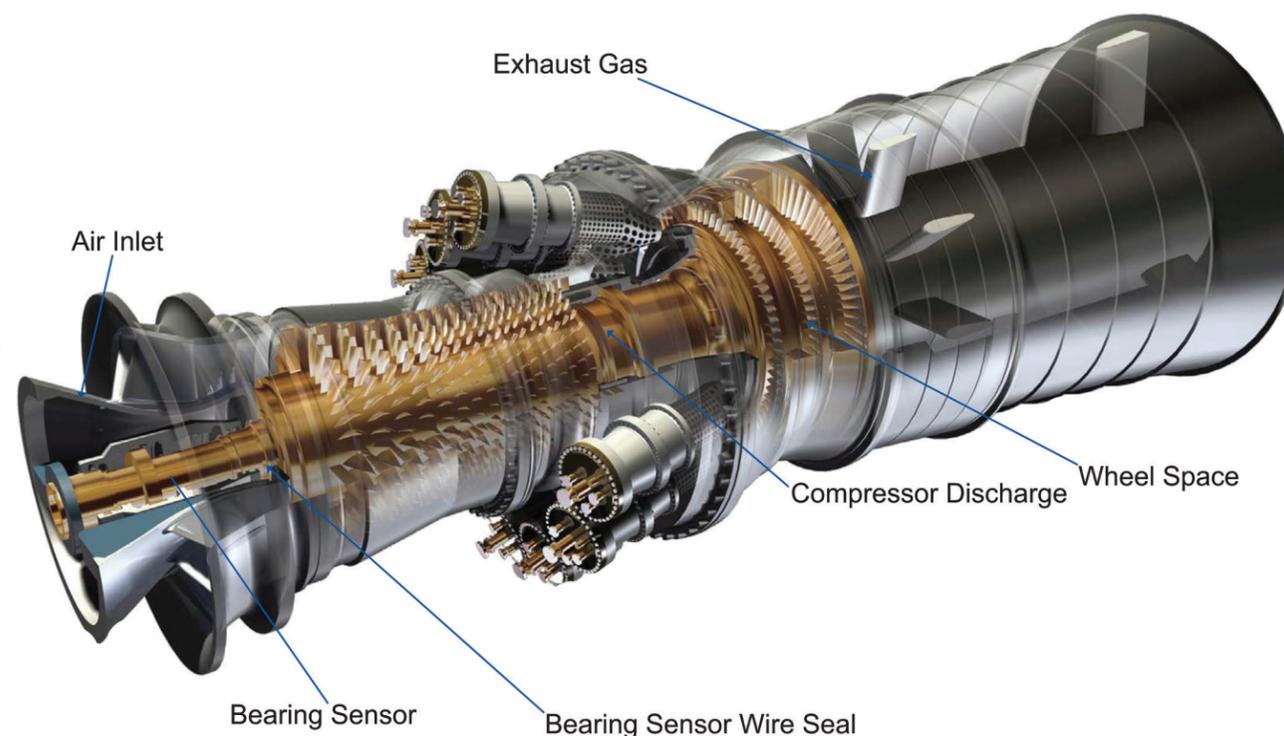
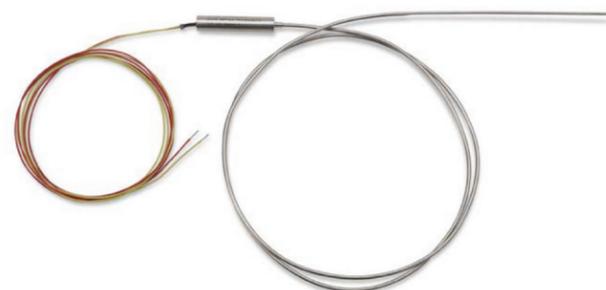
- Gas Turbines
- Steam Turbines
- HRSGs
- Hydro Turbines

What makes us different?

- Personalized Service
- Quality Products
- Competitive Pricing
- Fast Delivery

Wheelspace, Disc Cavity and Compressor Discharges Thermocouples

All specification qualified thermocouples are manufactured from ASTM E585 thermocouple material utilizing the highest purity insulation material yielding superior insulation resistance at elevated temperatures. The thermocouples are manufactured and tested at various points during the manufacturing cycle, ensuring the highest possible level of quality. Production testing includes helium leak testing, calibration, thermal shock, insulation resistance and hermeticity testing of sealing points.



Bearing Sensors and Seals

These sensors are for embedded applications where temperature monitoring is critical to machine performance and reliability. Available with RTDs or thermocouple types J, K, T and E. The unique bearing sensor wire seal prevents migration of oil along the sensor leads.



Air Inlet Thermocouples

All specification qualified air inlet thermocouples are manufactured from ASTM E585 thermocouple material utilizing the highest purity insulation material yielding superior insulation resistance and sensor repeatability. The thermocouples are manufactured and tested at various points during the manufacturing cycle ensuring the highest possible level of quality.



Highly Reliable Temperature Sensors and Seals

Conax means quality

- Our reputation is the company to turn to for quality solutions to application needs
- Exceptional performance comes from engineering and production expertise
- Our products stand up to shock, vibration, high temperature and corrosion
- We have re-designed replacement parts that outperform original equipment

Exhaust Gas Thermocouples

All specification qualified exhaust gas and blade path thermocouples are manufactured from ASTM E585 thermocouple material utilizing the highest purity insulation material yielding superior insulation resistance at elevated temperatures. The thermocouples are manufactured and tested at various points during the manufacturing cycle ensuring the highest possible level of quality. Production testing includes helium leak testing, calibration, thermal shock, insulation resistance and hermeticity testing of sealing points.



Conax PowerGen Products

- Sensors and Wire Seals for frame 5 and 6 Turbines
- Temperature Sensors and Seals for Gas and Steam Turbines
- OEM Sensors and Aftermarket Sensors—Equivalent of Upgrades

- Gas Turbine Sensors
 - Exhaust Gas and Blade Path
 - Wheelspace
 - Flashback
 - Air Inlet
 - Compressor Discharge

- Bearing Sensors and Seals
- HRSG Sensors
- Steam Turbine Sensors
- Main Steam Line Sensors
- Hydropower Sensors and Seals
- Sensors and Seals for Piping Systems and Throughout the Plant

- Thermocouples
- RTD Assemblies
- Thermowells
- Sealing Glands
- Miniature Bearing Sensors
- Temperature Sensors for Diesel Engines
- Rake Assemblies—New and Rebuilt

Highly Reliable Temperature Sensors and Seals



Conax Technologies has been designing and manufacturing temperature sensors and compression seal fittings for the power generation industry since 1953.

During those years, Conax has developed a reputation as the company to turn to for quality solutions. Our knowledgeable, multi-disciplinary sales and engineering staff welcomes the opportunity to solve your challenging applications.

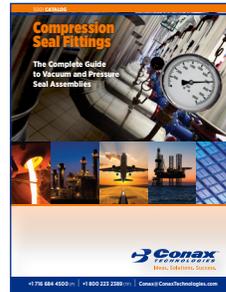
Our customers include the very largest companies in the world – and the smallest engineering firms. And we have a network of sales and engineering support worldwide.

Give our PowerGen team a call today to learn more about how Conax can be your quality and performance supplier.



RTD & Thermocouple Sensor Assemblies Handbook

This 100-page complete guide to the Conax sensor assembly line includes details on all our RTD and thermocouple configurations, thermowells, transmitters, special application assemblies, technical data and more. Request catalog 5005B.



Pressure and Vacuum Sealing Assemblies

An overview of the full Conax line of pressure/vacuum mechanical sealing glands and assemblies, ranging from compression fittings for probe and wire sealing to sealing technology for optical fibers. Request catalog 5001.

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