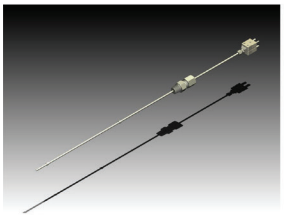
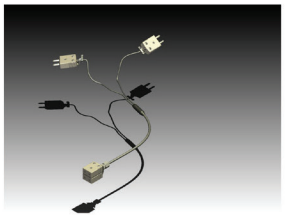
Retrofit Blade Path Thermocouple Kit

for Siemens Westinghouse Turbines

Main Components of Blade Path Kit Upgrade

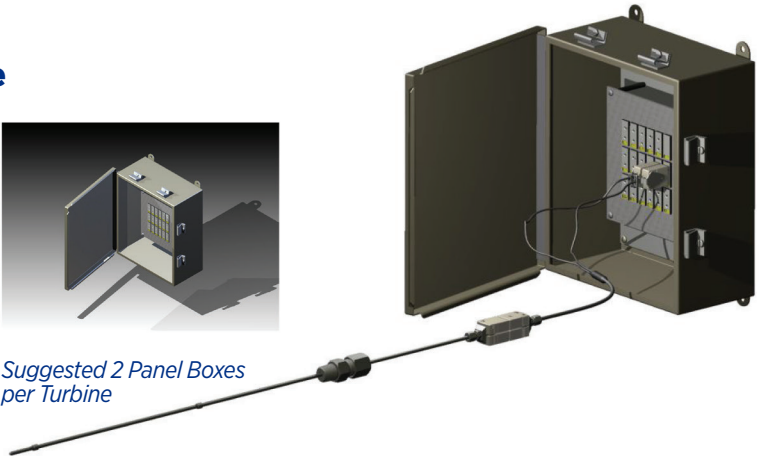


Thermocouples Required 16 per Turbine



Cable Assemblies Required 16 per Turbine

Suggested 2 Panel Boxes per Turbine



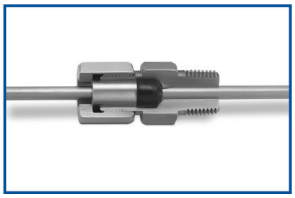
Reduce your maintenance time with this new thermocouple arrangement

This quick disconnect assembly allows the cables to be removed during engine maintenance thus reducing the risk of damaging the thermocouple cables. When sensors do fail, the quick disconnect arrangement allows for quick sensor change out.

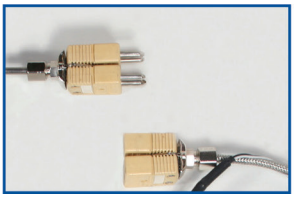
Product Features and Benefits

- Superior quality over OEM equipment.
- Improved materials and rugged design yields a longer life over OEM product.
- Positive stop mechanism for proper sensor tip location each and every time.
- Compression type fitting creates seal against hot combustor gases, thus eliminating the need for bleed air tube.
- Removable cable assemblies for quick and easy turbine maintenance.
- OEM approved connector assemblies.
- Talented technical support.

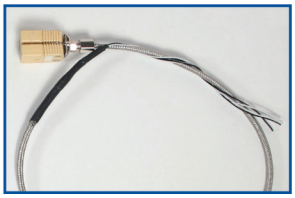
Thermocouple with Positive Stop in Thermowell and Anti Vibration Collar



Compression Seal Assembly Offer Positive Seal



Plug and Jack Termination



Replaceable Separate Cable

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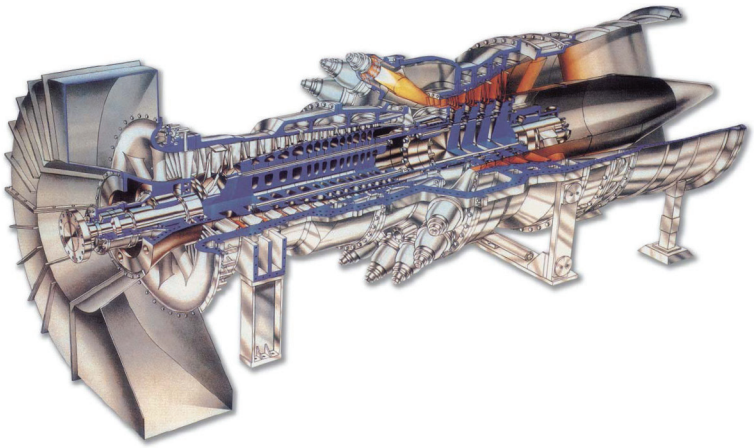
Dimensional Features



Specifications

Calibration:

- Type K Chromel/Alumel
- Standard Limits of Error
- Dual Isolated Ungrounded Junctions
- Meets ASTM E585 and ASTM E608

Insulation Resistance:

- X 10^9 ohms @ 100VDC.

Sheath diameter and Material:

- 0.187" (4.8mm)
- 316 SST

Environmental Ranges:

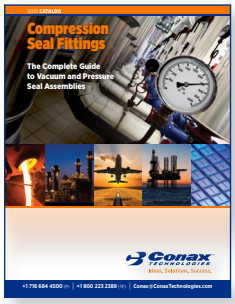
- Connector -40C to +230C (-40F to +500F)
- Cable -40C to +200C (-40F to + 500F)
- 100% Humidity for entire thermocouple

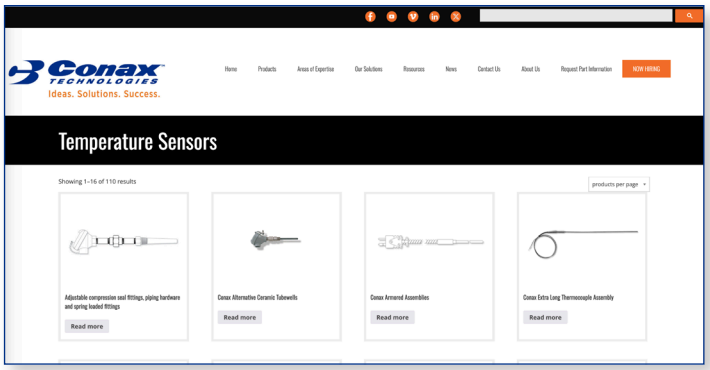
Related Products:

- OEM Blade Path Sensors—Both replacement probes and complete assemblies
- OEM Disc Cavity Sensors
- Flashback thermocouple
- Probe Assemblies Bulletin
- Bearing Sensors : Bulletin 6035
- Thermowells and Radiation Seals

Call us for more information on our Blade Path Thermocouple. Or visit the PowerGen Section of our website and download any literature associated with to the PowerGen Industry.

For more information about Conax Technologies, visit conaxtechnologies.com.





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