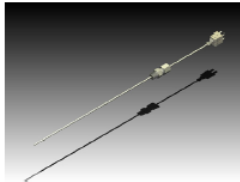
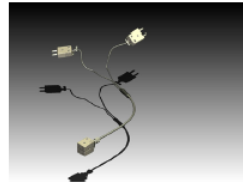


## Product Data Sheet

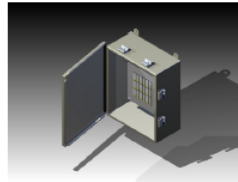
### Retrofit Blade Path Thermocouple Kit for Siemens Westinghouse Turbines



*Thermocouples Required  
16 per Turbine*



*Cable Assemblies Required  
16 per Turbine*



*Suggested 2 Panel Boxes  
per Turbine*



#### Main Components of Blade Path Kit Upgrade

#### 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

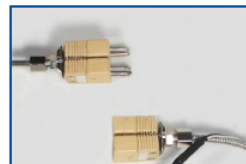
- Superior quality over OEM equipment.
- Improved materials and rugged design yields a longer life over OEM product.
- Positive stop mechanism for proper sensor tip location each and every time.
- Compression type fitting creates seal against hot combustor gases, thus eliminating the need for bleed air 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*

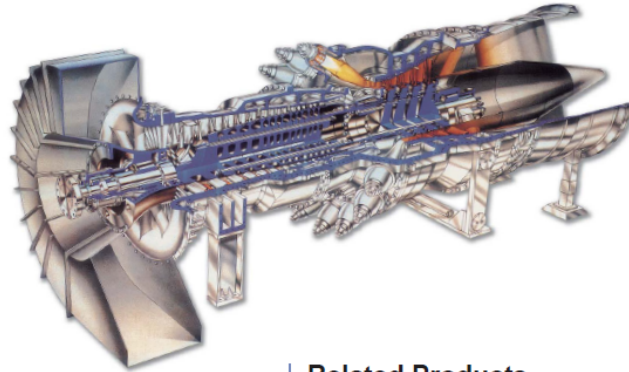


*Replaceable  
Separate Cable*

## Product Data Sheet

### Dimensional Features

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#### Specifications

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

#### Insulation Resistance:

- $1 \times 10^9$  ohms @ 100VDC

#### Sheath diameter and Material

- 0.187" (4.8 mm)
- 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 6035A
- Thermowells and Radiation Seals