



Exhaust Gas Sensors

**Dependable Retrofit
Exhaust Gas Sensors**
for Frame 5, 6, 7 and 9
Gas Turbine Applications*

WHY REPLACE A RADIATOR SHIELD THAT DOESN'T NEED REPLACING?

JMS offers a rugged and improved replacement to exhaust gas thermocouples for your GE P/N's: 31A3711, 238A7864, 219B6376, 302A4010P, 351A3488P, 362A1102P and 205B3060. When your sensor burns out before your radiator shield is spent, simply replace your old sensor with a quick connect, higher quality, hermetically sealed replacement that is made in the U.S.A.

WHY USE A SENSOR THAT CAN BE WIRED INCORRECTLY?

Order JMS Cable assemblies to the length you need with the insulation that you know will work in your application. Every opportunity to avoid human error is one you don't want to miss. JMS quick connect technology incorporates differently sized posts to prevent tired eyes from wiring positive to negative and negative to positive. Flexible leads and specially designed lugs provide stress free orientation of the cable leads and make over tightening leads a worry of the past.

*JMS is also capable of manufacturing replacement thermocouples for turbines from any manufacturer, GE, Rolls Royce, Pratt & Whitney, Siemens and more. **Call today for details!!**



JMS Southeast, Inc. Temperature Measurement

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SERVICE YOU CAN COUNT ON WHEN YOU NEED IT

Whether you are upgrading, troubleshooting or simply re-ordering, calling our inside sales support team at 1-800-873-1835 puts you in touch with a real person who is more than happy to help you get what you need and dedicated to 100% on time delivery. If you need on-site assistance, JMS's network of highly trained sales representatives are more than happy to meet you at your plant providing the highest level of service available in the industry.



RE-USE, REDUCE, RECYCLE

JMS Southeast can recycle your old terminal blocks (cold ends) and to provide you with immediate savings on your replacement probes. Before you throw those old sensors in the garbage, call JMS and let us give you a competitive offer on repair to your old probes!

SPECIFICATIONS

THERMOCOUPLE TYPE:

- Calibration: Type K, ungrounded.
- Limits of Error: Special tolerance ($\pm 0.4\%$).
- Meets ASTM E585 and ASTM E608 requirements

ENVIRONMENTAL RANGE:

- -20° to 700° F (-29° to 371° C) at the cold end.
- -20° to 392° F (-29° to 200° C) for the cable.
- 100 % humidity for the entire thermocouple.

TIME RESPONSE:

- 2.9 seconds.

INSULATION RESISTANCE:

- $1 \times 10^9 \Omega$ at 50 VDC.

APPLICATION:

- For Frame 5, 6, 7 and 9 Frame Turbines

RELATED PRODUCTS FROM JMS:

- Bearing thermocouples & RTDs
- Oil temperature RTDs and thermocouples
- Extension Assemblies
- Industrial Thermocouples & RTDs
- Thermowells

