



Advanced Sensors



Cranial-8 is proud to represent GE Advanced Sensors in the Canadian Market.

GE Advanced Sensors, part of the GE Measurement & Control Solutions division, is a worldwide leader in the manufacture and supply of sensor components, assemblies and OEM product.

ABOUT CRANIAL-8

Cranial-8 provides Sales and Marketing Services for Manufacturers of Semiconductors, Passive components and Electromechanical Components - a seamless extension to the manufacturers own sales and marketing staff.

Cranial-8 Synergy Sales services help:

- OEMs to make informed design decisions and get to market faster with superior products
- Component Manufacturers to improve market share, accelerate revenue growth and maximize product development ROI

Cranial-8 Synergy Sales Line Card

- GE: Advanced Sensors
- Mitronic: Magnetics
- OriginGPS: GPS Modules
- Assembly Plus: Contract Manufacture
- TGS inc: Oscillators
- ViaSystems: PCB and electromechanical Systems
- Calnex: DC to DC Converters & PSU
- Adiva: PCB Validation Tools
- PD Circuits: Supply Chain Management

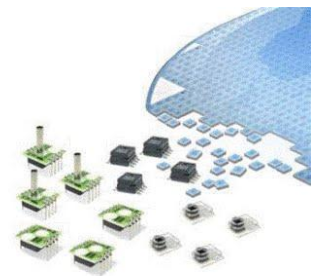
For More Information

- Call: 613 836 4840 or 905 689 1875
- Email: info@cranial-8.com

www.cranial-8.com

STRONG BRAND RECOGNITION

GE enjoys an enviable reputation in sensing with familiar heritage brands that include Thermometrics, Nova Sensor, General Eastern and Telaire.



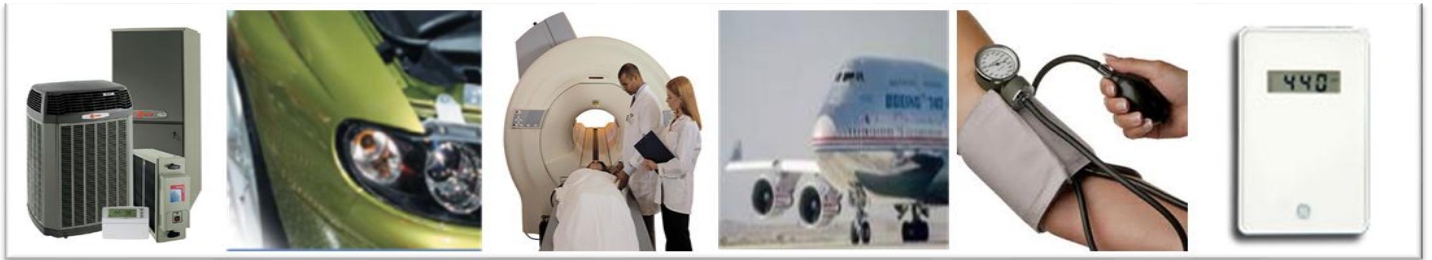
PRODUCTS AND SERVICES

GE Advanced Sensor product families address temperature, humidity, pressure and CO₂. Temperature products are supported by a comprehensive assembly customization service.

APPLICATIONS

GE Advanced Sensor provides sensing solutions to address the many challenges faced by today's equipment design engineers. GE offers economical solutions for a wide range of industrial, medical and transportation applications.





PRODUCTS

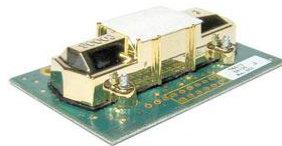
CO₂ Sensors

The GE Telaire product line boasts over 30 patents related to the design and application of low-cost infrared gas sensing. Its patented self-calibration logic ABC ensures that sensors are calibrated for life. Furthermore, a comprehensive two-year warranty ensures that the total cost of ownership is kept to a minimum.



Products are available as standard options or may be customised. Typical assembly options include:

- Cable Leaded Probes
- Clip-on Surface Sensing
- Fast Response Sensors



GE sensors are available as modules, as an OEM product (transmitter) and suitable for duct or wall mounting. Wall mounted versions, such as the Ventostat 8000 series, has various display options and may be shipped with or without a humidity sensor.

Humidity Sensors

GE offers extremely reliable, absolute humidity hygrometers with a combination of features to suit specific requirements and budget.



The newly released ChipCap series offers relative humidity and temperature sensing in a fully integrated package with three output interface options.

Temperature Sensors

Under the brand name of Thermometrics, GE provides a wide range of precision, solid-state temperature sensors based on proven technology. All products are RoHS compliant and manufactured in TS-16949 certified manufacturing facilities.



Products features include:

- **High Reliability and Stability**
- **Wide Range of Resistance (R) Vs. Temperature (T) Curves**
- **Fast Time Constants**
- **Surface and In Flow Sensors**
- **NTC and PTC Types**
- **Customizable Package Designs**

MEMS pressure sensors

The GE NovaSensor MEMS pressure sensor line includes highly cost effective families of surface mount, hybrid, and media isolated sensors.



The NPA is latest family member and offers best in class performance for a wide range of OEM applications.



The NPA is available in a small outline package and is intended for printed circuit board (PCB) mounting.

Products may be selected for pressure in increments, over a range from 10" H₂O to 30PSI with a total error band less than ±1.5% FSO. The product has multiple interface options including amplified analog and digital output versions.