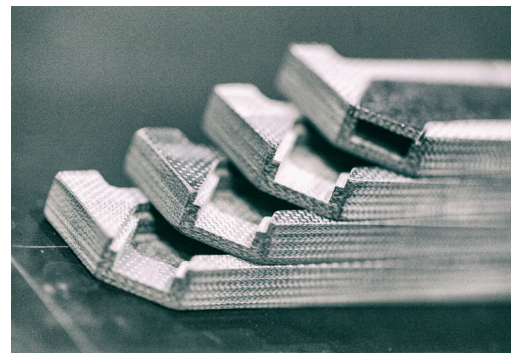
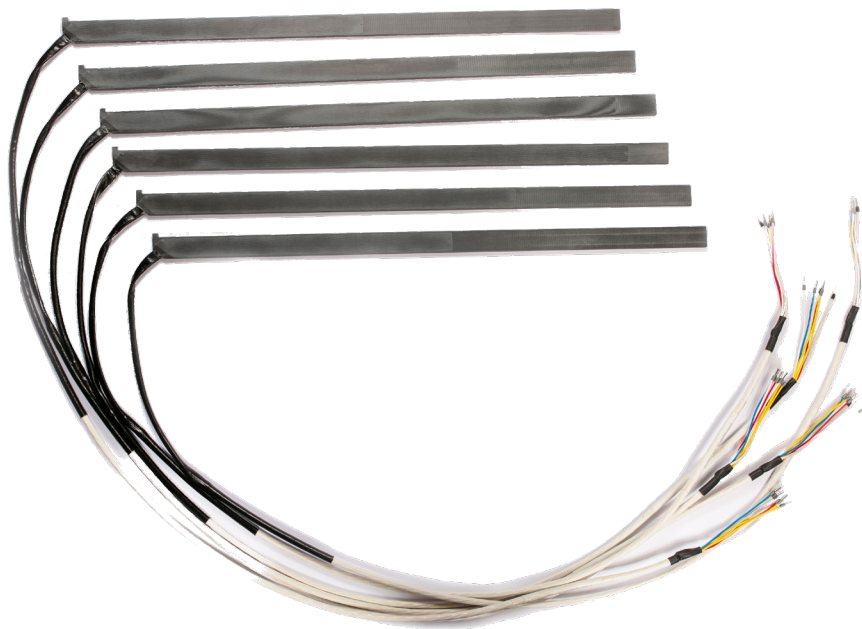




THERMAL MONITORING OF CRITICAL ASSETS

DynaWind Resistance Temperature Detectors (RTDs) are averaging temperature sensors designed for use in hydroelectric generators and large motors, providing thermal monitoring of critical assets.

DynaWind stator winding RTDs are installed in slots between the stator windings. They continuously monitor temperature, providing crucial data required to efficiently operate equipment and detect potential issues before they arise.

The sensing elements of the stator winding RTDs extend across the body length, ensuring an average temperature reading.

PROVEN RELIABILITY

Building on the legacy of General Electric products, we integrated modern manufacturing processes and best-in-class materials to design a high-performance sensor.

Product reliability testing, conducted in conjunction with C2MI and CRIQ, demonstrated that the sensors will provide decades of reliable operation, ensuring uninterrupted monitoring of your critical assets.

FLEXIBLE MANUFACTURING

The unique monolithic body design offers unprecedented resistance to compressive loads and shocks.

Components are CNC-machined to tight tolerances, enabling endless manufacturing possibilities.

Semi-conductive coatings are applied using the HVLP process, ensuring an even coating thickness.

KEY FEATURES

- Wire-wound, bifilar, non-inductive element
- Single or dual elements
- CNC-machined monolithic body
- Insulating or semi-conductive laminates
- Semi-conductive coatings

KEY BENEFITS

- High reliability for critical applications
- Flexible manufacturing
- High resistance to compressive loads, vibration, and shocks



EXTENSIVE TESTING

Each sensor undergoes extensive testing prior to shipping, ensuring full compliance with your specifications. A unique test report is included with every probe, detailing test results along with pass/fail limits.

Standard tests include:

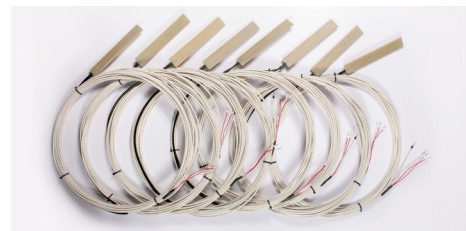
- Dimensional inspections
- Dielectric withstanding up to 5 kVac
- Compressive load withstanding up to 120 PSI
- Insulation resistance
- Element temperature calibration



RELATED PRODUCTS

We manufacture a complete range of sensors used for temperature monitoring in hydro generators and large motors.

- Bearing RTD
- Core duct RTD
- Oil-tight RTD
- Electrically isolated RTD
- Retrofit sensors
- Custom designs



SPECIFICATIONS	DETAILS
ELEMENT	PLATINUM 100 Ω AT 0°C (0.00385 TCR)
CONFIGURATIONS	3 OR 4 WIRES. SIMPLEX OR DUPLEX
OPERATING RANGE	0°C TO 180°C
ACCURACY	MEETS EN60751, CLASS B / RANGE OF 25°C TO 150°C
LAMINATES	NEMA G11 CLASS H / SEMI-CONDUCTIVE CLASS H
CABLE	STANDARD 22 AWG, SPC, NEMA WC27500
COATINGS	ALKYD OR EPOXY SEMI-CONDUCTIVE COATINGS HVLP APPLICATION
DIELECTRIC STRENGTH	UP TO 5000 VAC
COMPRESSIVE LOAD STRENGTH	UP TO 120 PSI