



## Hydropower Products, Equipment and Solutions



# TEMP-PRO

powering the world one degree at a time

Since 1972, Temp-Pro has been supplying a complete range of temperature sensors and related products designed to serve the needs of multiple industries. Temp-Pro continues to evolve and serve the needs of the most demanding of customers through integrated in-house manufacturing.

### Temp-Pro products are found in:

- Temperature Sensors
- Thermowells
- Electrical Enclosures
- Electro-Mechanical Assembly
- Cable & Harness
- Miscellaneous Instruments & Accessories

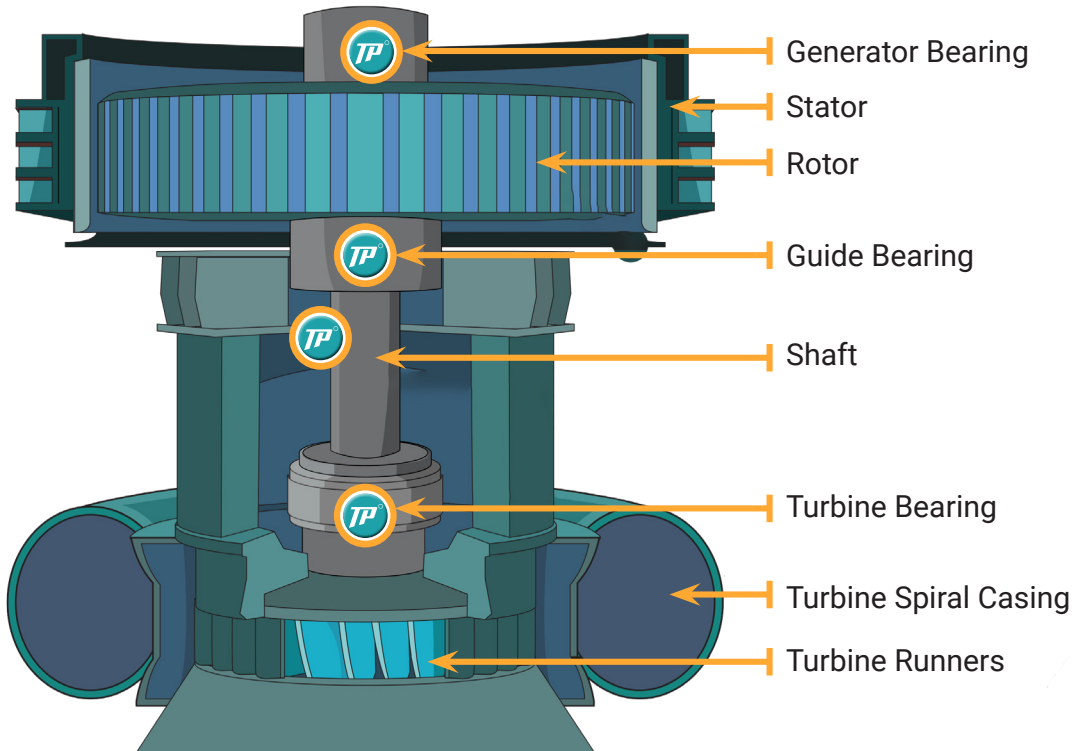
In the era of renewable energy, hydropower stands tall, championing clean electricity from flowing water, curbing environmental impact. It's a key player in our shift to a sustainable energy future. Temp-Pro is committed to supporting our Hydropower Industry clients with customized temperature measurement devices and solutions to meet their needs.

### Products, Equipment and Solutions include:

- ◆ Stator Slot Resistance Temperature Detectors (RTD's)
- ◆ Generator Core RTDs
- ◆ Generator Frame RTDs
- ◆ Air-Gap Flux Probes
- ◆ RTD Extension Cable
- ◆ Electrical Terminal Box
- ◆ Averaging RTDs
- ◆ Miniature Bearing Sensors
- ◆ Wire Harness & Cable Assemblies

**REQUEST A FREE QUOTE FROM TEMP-PRO TODAY**

Phone: 413-584-3165 | Toll Free: 800-991-9093 | Fax: 413-586-3625 | Email: [sales@temp-pro.com](mailto:sales@temp-pro.com)  
Temp-Pro.com | 200 Industrial Drive | Northampton, MA 01060



**OIL HEAD  
RTD SENSORS**



**BEARING  
RTD SENSORS**

It is essential to measure temperatures of the bearings in turbines, generators, and other systems to identify the hot spots and overheating that can lead to increased wear and tear.



**ELECTRICAL  
TERMINAL BOX**



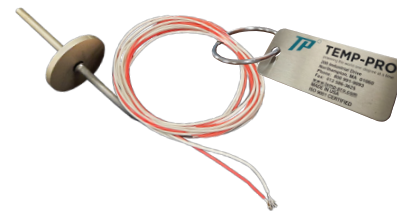
**MINIATURE BEARING  
SENSORS**



**AIR COOLER  
AVERAGE RTD**



**WIRE HARNESS & CABLE  
ASSEMBLIES**



**STATOR  
CORE RTDS**

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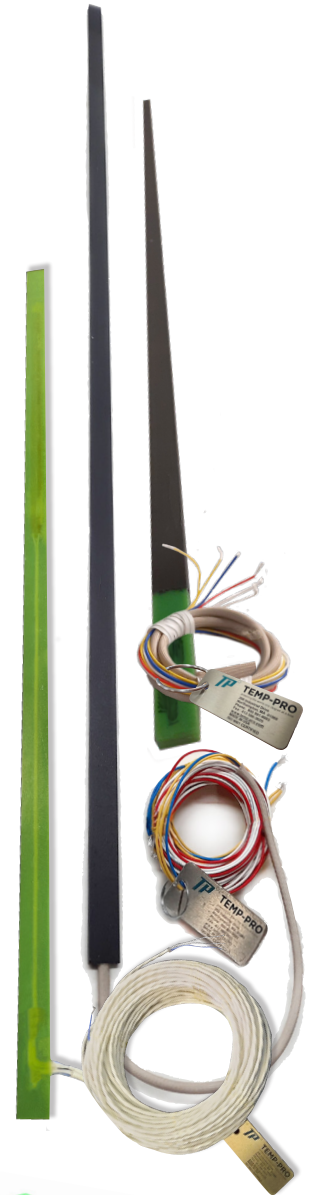
## STATOR SLOT RTDS

Stator Slot RTDs can be embedded in either NEMA G-11 or our Semi-Conductive material for installation into the stator of your application.

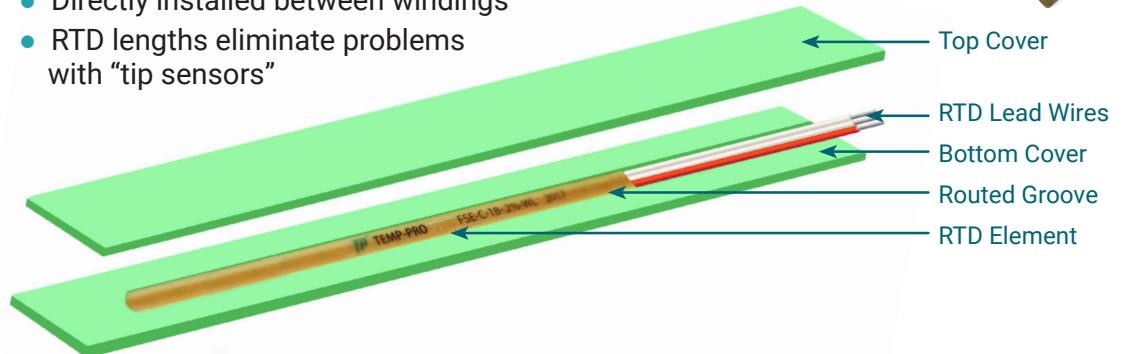
NEMA G-11 provides a mechanical protection for the RTD during the installation phase and protects the RTD throughout its life span.

Semi-conductive material offers mechanical protection while providing the added advantage of corona dissipation.

These RTDs can be constructed from the semi-conductive material, or alternatively, the same coating can be applied to the standard material for enhanced performance.



- Accurate across a greater area of the stator
- Extremely responsive to temperature change
- Custom manufactured to various lengths
- Directly installed between windings
- RTD lengths eliminate problems with "tip sensors"



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