

# Types of Temperature Sensors

Microwaves/  
Domestic  
Appliances




Thermo-  
meters

Medical Applications  
& Food Handling

Epoxy or  
Glass  
Coated

**NTC  
Thermistor**

Range  
-40° to  
+250°c 

Interchangeability  
★★★★★  
Linearity  
★★★★★  
Accuracy  
★★★★★  
Ruggedness  
★★★★★

Cryo  
Application




Food/Medical/  
Aerospace/  
Military

Automotive/  
Engines

Cryo, Medium  
& High  
Ratings

**RTD  
Sensor**

Range  
-150° to  
+850°c 

Interchangeability  
★★★★★  
Linearity  
★★★★★  
Accuracy  
★★★★★  
Ruggedness  
★★★★★

Thermostats/  
Gas Appliances




Engines/  
Exhausts/ Kilns

Hospital  
Thermometers

Many  
Different  
Types  
Available

**Thermo-  
Couple**

Range  
-200° to  
+1250°c 

Interchangeability  
★★★★★  
Linearity  
★★★★★  
Accuracy  
★★★★★  
Ruggedness  
★★★★★

Patient  
Monitoring/  
Labs




Energy/  
Industrial/ Drilling

Transit/HVAC/  
Computers

Custom -  
Different  
Shapes &  
Sizes

**Temperature  
Probes**

Range  
-40° to  
+230°c 

Interchangeability  
★★★★★  
Linearity  
★★★★★  
Accuracy  
★★★★★  
Ruggedness  
★★★★★

Machine Builders/  
Special Purpose  
Vehicles




Motorsport/  
Exhaust Gas

HVAC/ Cooling/  
Heating

Temperature  
Transducers,  
Digital,  
Infrared

**Other  
Temperature  
Sensors**

Range  
+1000°c  
plus 

Interchangeability  
★★★★★  
Linearity  
★★★★★  
Accuracy  
★★★★★  
Ruggedness  
★★★★★