

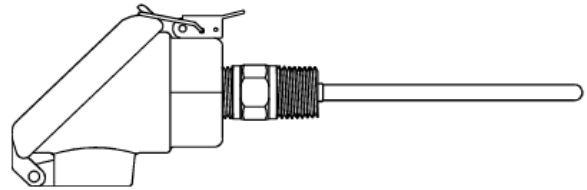
STS Southeast Thermal Systems LLC Temperature Sensors

Standard and Custom RTD's:

Southeast Thermal Systems LLC offers a full line of Resistance Temperature Detectors (RTDs) for almost any application. From food and dairy applications to high tech process applications, we have a sensor for your needs. Temperature ranges go from -200°C all the way up to 650°C. We utilize both thin film and wire wound technology in our RTD assemblies to maximize your options. We also have several accuracy ranges to work with today's demanding processes.

Benefits:

- Wide temperature ranges
- Excellent stability and accuracy
- Built rugged for the harshest environments
- Several styles and configurations available
- Competitively priced



Standard and Custom Thermocouples:

We offer three basic types of thermocouples: Mineral Insulated (MgO), Tube & Wire, and Industrial thermocouples. We will work with you regarding your application to determine the best type for your needs.

Key Benefits:

- Custom assemblies available (1 to ????) pieces
- Wide variety of configurations
- Several types available (J,K,E,T,R,S and more)
- Competitively priced



Specialty Probes:

Southeast Thermal Systems LLC offers a full line of RTD and Thermocouple thermowell assemblies. We can build a sensor for your existing thermowell or provide the entire assembly. From standard threaded thermowells to large flanged thermowells and from common metals to exotic metals, we can provide you with the assembly you are looking for.

Key Benefits:

- Built to fit to your needs
- Several metals and configurations available
- Assemblies built to fit your existing thermowells
- Competitively priced

Thermocouple and RTD Accessories and Thermocouple and RTD Wires:

Southeast Thermal Systems LLC offers a complete line of accessories from standard plugs and jacks to thermocouple and RTD wire. We also carry standard plastic accessories such as bayonet fittings and compression fittings. Please call us to discuss your accessory needs.

Key Benefits:

- In stock for immediate shipment
- Large product offering

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Transmitters:

We have a wide offering of head-mount transmitters in stock for immediate shipment. We have everything from a low cost solder link style to intelligent microprocessor based transmitters. Southeast Thermal Systems LLC has a transmitter that will fit your application. ALL of our transmitters come with a **5 YEAR WARRANTY.**

"Q" Series Transmitters:

Q2 Transmitter

- T/C or RTD Input
- Programmable
- Isolated Input/Output

Q3 Transmitter

- Universally Mountable (DIN or Oval Style Heads)
- T/C or RTD Input
- Programmable
- Non-Isolated Input/Output

Q4 Transmitter

- Hart Protocol

Standard Features:

- Standard and Custom Designed RTD's and Thermocouples
- NIST Traceable Laboratory and Calibration Services
- Transmitters: Isolated, Non-isolated, and Indicating
- Connectors and Connector Panels

Ordering Information:

- Sheath Termination
- Element Type
- Accuracy and Temperature Coefficient
- Temperature Range
- Sheath Diameter
- Sheath Material
- Lead Wire Terminations
- Lead Wire Length
- Lead Wire Type (J, K, RTD)
- Sheath Mounting Fitting
- Sheath Length

- T/C or RTD Input
- Programmable
- Isolated Input/Output

Q5 Transmitter

- T/C Input
- Programmable
- Isolated Input/Output

Q7 Transmitter

- T/C or RTD Input
- Solder Pad Adjustable
- Non-Isolated Input/Output

Q9 Transmitter

- RTD Input
- Programmable
- Non-Isolated Input/Output

Key Benefits:

- Full application coverage
- Competitively priced
- In stock for immediate shipment
- Pricing includes ranging
- Additional units available (DIN rail, intrinsically safe...)
- Expedited Delivery: Next Day, 3 and 5 Day Services
- European (metric) Retrofit Sensors and Components
- Corrosion Resistant, Teflon Encapsulated Sensors
- Thermowell Assemblies and Thermowells
- Insulated Wire and Cables
- Specialized Contract Assembly Services

Industries That Use

Temperature Sensors:

- Dairy
- Beverage
- Meat Processing
- Chemical and Petrochemical
- Plastics
- Medical
- Pharmaceutical
- Confectionary
- Energy/Alternative Energy
- Heat Treating
- Packaging
- Laboratory/Research and Development
- Adhesive Systems
- Customized Applications