thermo sensors corporation

A Leading Manufacturer of Quality Thermocouple and RTD Assemblies Since 1972

Address: P.O. Box 461947 Garland, TX 75046
Phone: 972-494-1566 **Toll Free:** 1-800-889-5478
Website: www.thermosensors.com

Thermocouple Wire

This section has been developed to serve as a guide in the selection of wires to accomplish most all temperature measuring requirements. Featured is a large selection of thermoelements, insulation materials and constructions. Should you need assistance, Thermo Sensors' sales personnel are anxious to help you in selecting the wire to give optimum performance in your application.



Thermo Sensors' thermocouple and extension wires are known for their quality performance and reliability. Careful attention is given to the proper selection and matching of conductors to ensure conformance to standard limits of error as defined in ANSI C96.1. Unless otherwise specified, all wire will be furnished to standard limits of error. Many of the wires are available with special limits of error and must be specified when ordering.

Overbraids

Overbraids
Any insulated wire in this bulletin can be furnished with a metal overbraid to give added protection from abrasion and mechanical damage.
Stranded Overbraids:
- Stainless Steel
- Tinned Copper

Available as special order:
- Flat Stainless Ribbon Braid
- Flat Stainless Steel Spiral Wrap

To specify an overbraid, see "How To Order."

By using the information from the tables on the following pages, a wire can be selected to meet the installation conditions of most common industrial requirements. However, special constructions and insulations are available. Request a quotation to your specifications.

How To Order:

Standard Limits of Error Wire:
Specify footage required and the appropriate catalog number from the following tables.
Example: 3000 ft PP16KX

Special Limits of Error Wire:
Same as standard wire except add suffix "-PG" catalog number.
Example: 3000 ft GG20K-PG

Metal Overbraid Wire:
Same as for standard or special wires and add suffic:
"-SS" for stainless steel wire overbraid

Thermo Sensors Corporation
Copyright 2012
www.thermosensors.com

Address: P.O. Box 461947 Garland, TX 75046
Phone: 972-494-1566 **Toll Free:** 1-800-889-5478
Website: www.thermosensors.com

"-CU" for tinned copper wire overbraid
Example: 3000 ft GG20K-SS

Thermo Sensors Corporation
Copyright 2012
www.thermosensors.com