Temperature Sensing



Industrial Thermocouples

Base Metal — Bare and Fiberglass or Ceramic Insulated Thermocouple Wire

Tempco offers general purpose thermocouple elements in ANSI Type J and K. The general purpose elements are available with a twisted and welded or butt-welded junction. Available in 8 ga., 14 ga. and 20 ga. with standard calibration tolerances.



Style F — Thermocouple Wire with Fiberglass Sleeving • • • • • • • •



Style O — Thermocouple Wire with 2-Hole Oval Insulator • • • • • • • • • • • • • •



Twisted and Welded Junction

Butt-Welded Junction

- 8 ga. insulator P/N COR-120-105
- 14 ga. insulator P/N COR-120-104
- 20 ga. insulator P/N COR-120-106

* See Page 14-96 for Insulator Dimensions. *

Style R — Thermocouple Wire with 2-Hole Round Insulator • • • • • • • • • • • • • • •



Twisted and Welded Junction

Butt-Welded Junction

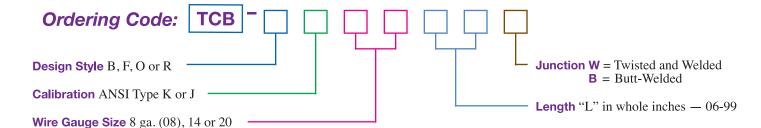
- 8 ga. insulator P/N COR-127-102 • 14 ga. insulator P/N COR-126-102
- 20 ga. insulator P/N COR-125-102

* See Page 14-96 for Insulator Dimensions. *

Ordering Information

Base Metal Thermocouple Element Styles B, F, O and R are offered with the options listed below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Temperature Sensing

Industrial Thermocouples



Base Metal Thermocouples

Design Features

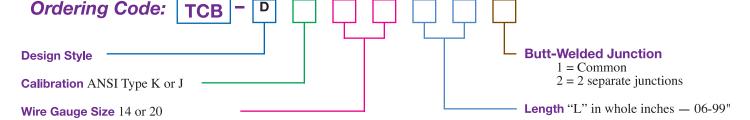
- * Base Metal Thermocouple Elements insulated with ceramic insulators
- * Can be used to replace thermocouple inserts in industrial thermocouple assemblies

Dual set of thermocouple wires with 4-hole round alumina insulators

- 14 ga. insulator P/N COR-128-102
- 20 ga. insulator P/N COR-128-101
- * See Page 14-96 for Insulator Dimensions.*

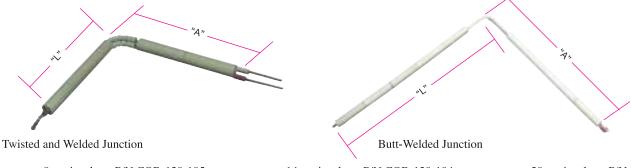
Ordering Information

Base Metal Thermocouple Element Style D is offered with the options listed below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.



Style A — Angle Element • • • • • • • • • • • •

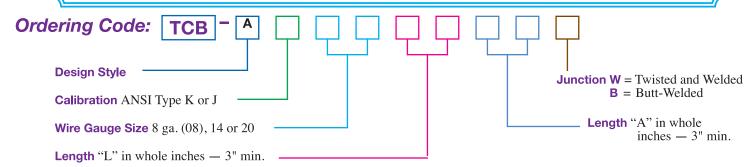
Angle thermocouple wires with 2-hole round ceramic insulators.



- 8 ga. insulator P/N COR-120-105
- 14 ga. insulator P/N COR-120-104
- 20 ga. insulator P/N COR-120-106
- *See Page 14-96 for Insulator Dimensions.*

Ordering Information

Base Metal Thermocouple Element Style A is offered with the options listed below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.



⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.