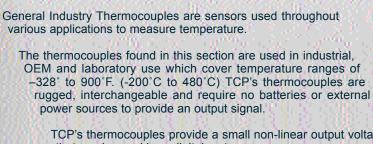


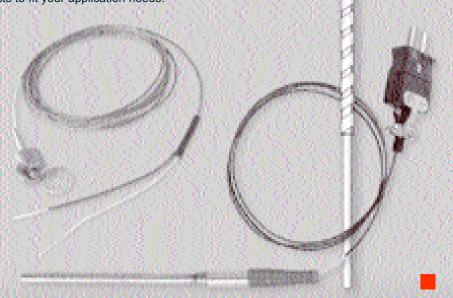
General Industry Thermocouples



TCP's thermocouples provide a small non-linear output voltage that can be read by a digital meter.

The selection of the optimum thermocouple type is based on application temperature, atmosphere, required length of service, accuracy and cost.

Whether you are looking for replacement wire, thermocouple sheaths, immersion probes or magnetic couplings TCP has the products to fit your application needs.

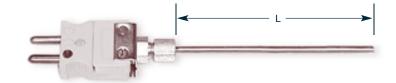


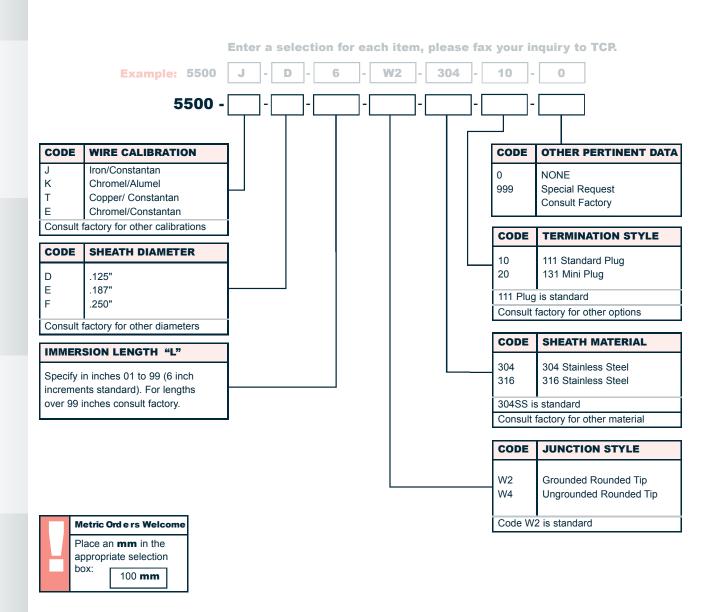


PENCIL THERMOCOUPLE

Series 5500

- Ideal for Applications Under 900°F (480°C)
- Small Diameter Thermocouple with Fiberglass Insulation
- Used Extensively for Food Applications
- Commonly Installed with Compression Fittings (Adapter)
- · Used in a Variety of Industries



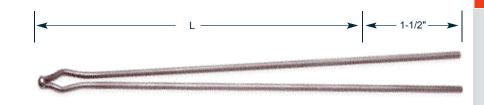




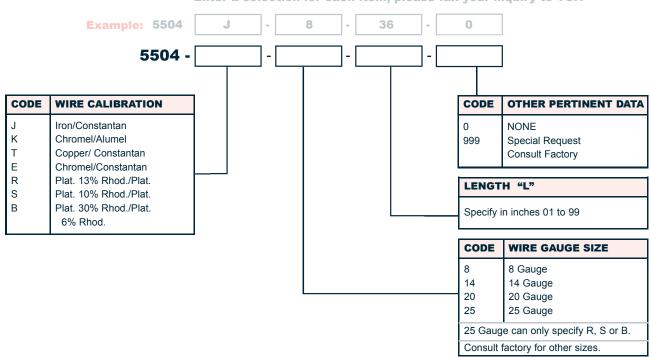
REPLACEMENT ELEMENTS

Series 5504

- · Bare wire element
- May be used as a Replacement Thermocouple Element in Existing Thermowells and Protection Tubes.
- The Units are Available in All Calibrations and Meet Standard or Special Limits of Error (Special Limits of Error Must Be Specified).
- Platinum Calibrations Available in 25 Gauge Conductors Only.



Enter a selection for each item, please fax your inquiry to TCP.







REPLACEMENT ELEMENTS

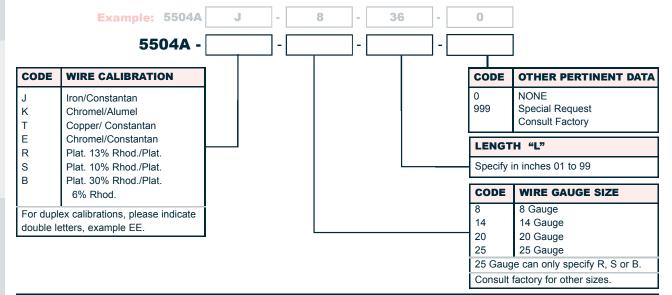
Series 5504A

- Bare Wire Element with Ceramic Insulators
- May Be Used as a Replacement Thermocouple Element in Existing Thermowells and Protection Tubes.
- The Units are Available in All Calibrations and Meet Standard or Special Limits of Error (Special Limits of Error Must Be Specified).

 Platinum Calibrations Available in 25 Gauge Conductors Only.



Enter a selection for each item, please fax your inquiry to TCP.



36

Series 5504B

- May Be Used as a Replacement Thermocouple Element in Existing Thermowells and Protection Tubes.
- These Units are Available in All Calibrations and Meet Standard or Special Limit of Error (Special Limits of Error Must Be Specified)

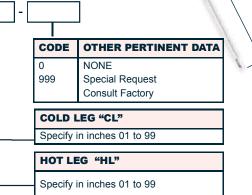




Example: 5504B -

5504B -

CODE	WIRE GAUGE SIZE	
8	8 gauge	
14	14 gauge	
20	20 gauge	
Consult f	Consult factory for other sizes	





IMMERSION THERMOCOUPLE Series 5508 Recommended for Temperatures Up to 900°F (480°C) Except with Junction Style W-5 Which is Rated for 300°F (150°C) X = Lead Length Available in .187" and .250" Diameters Fiberglass or Teflon Insulation with Optional SS Overbraid 1-1/4" Enter a selection for each item, please fax your inquiry to TCP. Example: 5508 304 10 **W2** 5508 -WIRE CALIBRATION CODE CODE **OTHER PERTINENT DATA** Iron/Constantan 0 NONE Κ Chromel/Alumel 999 Special Request Т Copper/ Constantan Consult Factory Е Chromel/Constantan **LEAD WIRE** Consult factory for other calibrations 10 Fiberglass (standard) CODE **SHEATH DIAMETER** 1S Fiberglass w/SS Overbraid 20 .187" Teflon Ε 2S Teflon w/SS Overbraid .250" If flex hose is needed see 5508A series. Consult factory for other diameters **TERMINATION STYLE IMMERSION LENGTH "L"** 10 111 Standard Plug Specify in inches 01 to 99 (6 inch 131 Mini Plug 20 increments standard). For lengths 40 3" Pig Tail over 99 inches consult factory. Code 10 - 111 Plug is standard **LEAD LENGTH "X"** CODE **SHEATH MATERIAL** Specify in whole inches 01 to 99 304 304 Stainless Steel 316 316 Stainless Steel CODE JUNCTION STYLE 600 Inconel 600 W1 Grounded Flat Tip Consult factory for other options W2 Grounded Rounded Tip W3 Ungrounded Flat Tip

W4

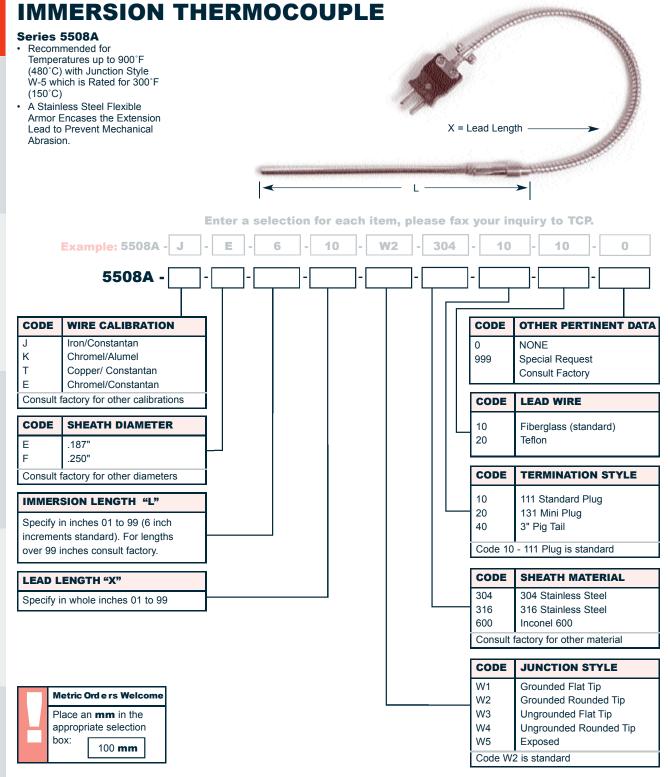
W5

Ungrounded Rounded Tip

Exposed

Code W2 is standard



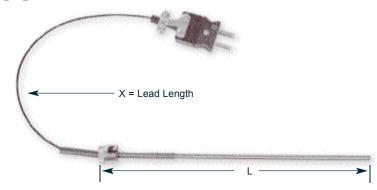




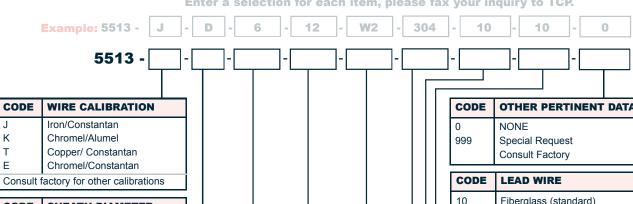
CONTACT THERMOCOUPLE

Series 5513

- Recommended for Plastic Molding and Bearing Temperature Measurements up to 900°F (480°C).
- An Ideal Assembly Where Constant Contact of the Hot Junction is Required to Indicate Rapid Temperature Changes
- · Spring Loaded Bayonet Cap



Enter a selection for each item, please fax your inquiry to TCP.



CODE	SHEATH DIAMETER
D	.125"
E	.187"
Consult footom, for other diameters	

Consult factory for other diameters

IMMERSION LENGTH "L"

Specify in inches 01 to 99 (6 inch increments standard). For lengths over 99 inches consult factory.

LEAD LENGTH "X"

Specify in whole inches 01 to 99

CODE	JUNCTION STYLE
W1 W2	Grounded Flat Tip Grounded Rounded Tip
Code W2 is standard	

CODE	OTHER PERTINENT DATA
0	NONE
999	Special Request
	Consult Factory

	CODE	LEAD WIRE
	10	Fiberglass (standard)
	1S	Fiberglass with SS Overbraid
	20	Teflon
	2S	Teflon with SS Overbraid
Code 10 - 111 Plug is standard		- 111 Plug is standard

CODE	TERMINATION STYLE
10	111 Standard Plug
20	131 Mini Plug
40	3" Pig Tail
Code 10	- 111 Plug is standard

CODE	SHEATH MATERIAL
304	304 Stainless Steel
316	316 Stainless Steel
600	Inconel 600
Consult factory for other material	



Metric Ord e rs Welcome

Place an mm in the appropriate selection 100 **mm**

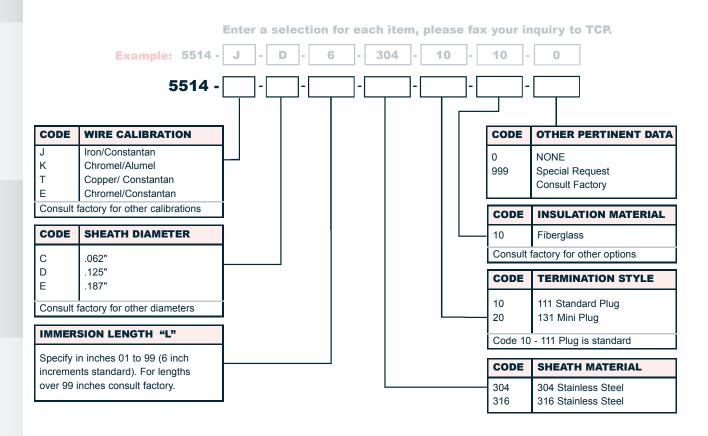


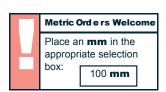
NEEDLE POINT THERMOCOUPLE

Series 5514

- Designed for Piercing Food Products
- Supplied with an Insulated Element Encased in 316 or 304 Stainless Steel Sheath
- Recommended for a Temperature Range of -40°F (-40°C) to +500°F (+260°C)
- Supplied with W2 Grounded Junction









MAGNE-COUPLE

Series 5526

- · Magnet holding force is 2 lbs.
- For limited space applications
- Measures temperature from any ferrous surface
- Capable of use to 1000°F (535°C) without degradation
- The powerful Alnico Magnet forces the springloaded sensing tip into contact with the sensor surface
- · 1/2" Magnet diameter



Series 5527

- · Magnet holding force is 16 lbs.
- Rugged Assembly for most applications
- Measures temperature from any ferrous surface
- Capable of use to 1000°F (535°C) without degradation
- The powerful Alnico Magnet forces the springloaded sensing tip into contact with the sensor surface
- 1" Magnet diameter



