

Thermo-Couple Products Co.

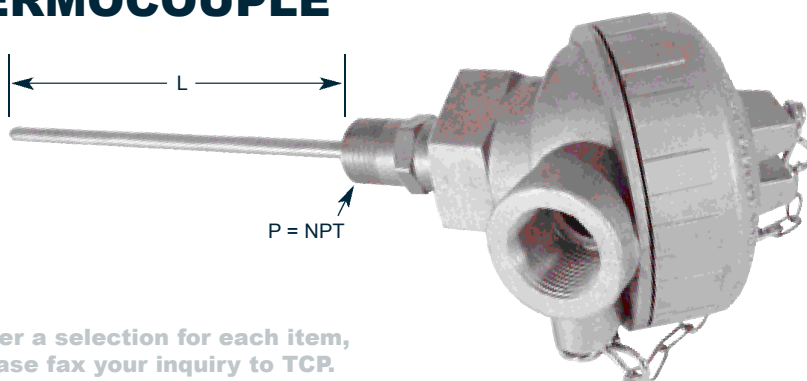
www.tcproducts.com

a division of Marsh Bellofram  
www.marshbellofram.com  
1-800-727-5646

# INDUSTRIAL THERMOCOUPLE

## Series 700

- Industrial Design with Cast Screw Cover Heads.
- "Factory Mutual" Approved Heads in Cast Iron and Aluminum
- High strength Bendable Designs
- Mineral Insulation Enable Thermocouples to be used at Higher Temperatures
- See page 23 for maximum temperature.



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

Example: 700 - J - E - 6 - W2 - 304 - AL - 1/2 - 0 - 0

700 - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Mineral Insulated

CODE	WIRE CALIBRATION
J	Iron/Constantan
K	Chromel/Alumel
T	Copper/ Constantan
E	Chromel/Constantan
R	Plat. 13% Rhod./Plat.
S	Plat. 10% Rhod./Plat.
B	Plat. 30% Rhod./Plat. 6% Rhod.

For duplex calibrations please indicate double letters, example EE.

CODE	SHEATH DIAMETER
D	.125"
E	.187"
F	.250"

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.	

CODE	JUNCTION STYLE
W1	Grounded Flat Tip
W2	Grounded Rounded Tip
W3	Ungrounded Flat Tip
W4	Ungrounded Rounded Tip

Code W2 is standard

CODE	SHEATH MATERIAL
304	304 Stainless Steel
316	316 Stainless Steel
600	Inconel 600

Code 304 is standard  
Consult factory for other material

CODE	OTHER PERTINENT DATA
0	NONE
999	Special Request Consult Factory

CODE	SPRING LOADING
0	NONE
1	Spring Loaded Element

None is standard. Spring loading not available if mounting thread is 0

CODE	MOUNTING THREAD "P"
0	None
1/4	1/4" NPT
3/8	3/8" NPT
1/2	1/2" NPT

Code 1/2 - 1/2" NPT is standard

CODE	TERMINATION STYLE
0	None
AL	Aluminum Head
CI	Cast Iron Head
P	Inconel 600

Code CI - Cast Iron is standard

**Metric Orders Welcome**

Place an **mm** in the appropriate selection box:

100 mm