

# MAGNESIUM OXIDE (MgO) INSULATED T/C ASSEMBLY

## STYLE PT PLUG OR JACK TERMINATION



- Made with special limits-of-error material for better accuracy
- Standard insulation provided with 304 and 316 SS sheaths, high purity insulation provided with Inconel 600 sheath
- Pins are made with matching thermocouple alloys
- Dual element available for sheath O.D. of 0.125" to 0.250"

## ORDERING INFORMATION

**P** **T** **1** **2** — **3** **4** **4** **4** — **5** **6** **6** **6** **7**

To create an ordering code fill in the boxes above with the appropriate number and/or letter from the corresponding box below.

### Box 1: Calibration Code

J = J Type, ANSI Special Tolerances  
K = K Type, ANSI Special Tolerances  
T = T Type, ANSI Special Tolerances  
N = N Type, ANSI Special Tolerances  
E = E Type, ANSI Special Tolerances

### Box 2: Number of Junctions

1 = Single (Standard)  
2 = Duplex (Not available in 1/16" sheath)

### Box 3: Junction\*

G = Grounded  
U = Ungrounded  
E = Exposed

\* Dual ungrounded and exposed junctions are isolated

### Box 4: Sheath O.D. enter 3 digit code

063 = 1/16"  
125 = 1/8"  
188 = 3/16"  
250 = 1/4"

### Box 5: Sheath Material

A = 304 SS  
B = 316 SS  
C = Inconel 600

### Box 6: Sheath Length "A" fill in measurement desired

Whole inches: 001" to 999"  
(Lengths over 999" consult TTI)

### Box 7: Termination

D = Standard Male Plug (350°F/177°C)  
E = Medium-Temp. Male Plug (500°F/260°C)  
F = High-Temp. Male Plug (800°F/426°C)  
G = Standard Female Jack (350°F/177°C)  
H = Medium-Temp. Female Jack (500°F/260°C)  
J = High-Temp. Female Jack (800°F/426°C)  
K = Miniature Male Plug (350°F/177°C)  
L = Miniature Med-Temp. Male Plug (500°F/260°C)  
M = Miniature Female Jack (350°F/177°C)  
N = Miniature Med-Temp. Female Jack (500°F/260°C)