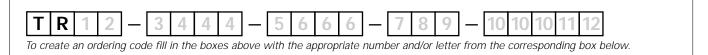
# MAGNESIUM OXIDE (MgO) INSULATED T/C ASSEMBLY

# STYLE TR TRANSITION TO LEAD WIRE



- · 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
- Maximum continuous operating temperature for the standard transition is 350°F (177°C). A high temperature transition 900°F (482°C) maximum can be provided by ordering Special Requirement Option H in Box 11
- Standard lead wire termination is 3/4" stripped leads
- .063" to .125" O.D. thermocouples use 24 gauge lead wire and .188" to .375" O.D. thermocouples use 20 gauge lead wire

## ORDERING INFORMATION



## **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

F. T. T. ANCI Consider 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"

375 = 3/8"

# **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: Lead Wire Construction**

A = Solid

B = Stranded

## **Box 8: Lead Wire Insulation**

G = Fiberglass (900°F/482°C)

T = Teflon (400°F/204°C)

K = Kapton (500°F/260°C)

P = PVC (221°F/105°C)

## **Box 9: Lead Wire Protection**

N = None

B = SS Overbraid

A = SS Flex Armor

# Box 10: Lead Wire Length "B"

fill in measurement desired

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

## **Box 11: Termination**

A = 3/4" Stripped Leads

B = Spade Lugs

C = Spade Lugs with BX Connector

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)

# **Box 12: Maximum Transition Temperature**

 $S = 350^{\circ}F (177^{\circ}C)$ 

 $H = 900^{\circ}F (482^{\circ}C)$