

# Transition Junction Style Probes

## With High Temperature Molded Construction

### Standard Dimensions

- ✓ 6 and 12" Lengths in Stock†
- ✓ Sheath Diameters from 0.040 to 0.125"
- ✓ 304SS, 316SS, Inconel® or Super OMEGACLAD® XL Sheath
- ✓ Grounded, Ungrounded or Exposed Junction
- ✓ 40" PTFE-Coated Lead Wires Standard
- ✓ Environmentally Friendly Cadmium-Free Liquid Crystal Polymer
- ✓ Molded Transition Junction Rated to 260°C (500°F)

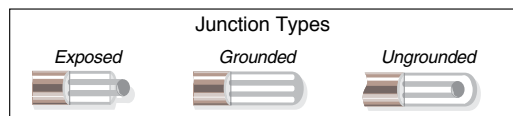
MEETS OR EXCEEDS  
SPECIAL LIMITS  
OF ERROR (SLE)  
AND EN 60584-2:  
Tolerance Class 1

OMEGACAL™  
Factory CAL  
AVAILABLE

ANSI  
color  
code  
shown

To order  
IEC color  
code visit  
us online

Available as  
**SUPER**  
OMEGACLAD® XL  
THERMOCOUPLE WIRE  
MAXIMUM PERFORMANCE SHEATHING  
ELIMINATES HIGH TEMPERATURE DRIFT



| To Order                                       |                            |                                                    |                                                       |
|------------------------------------------------|----------------------------|----------------------------------------------------|-------------------------------------------------------|
| ANSI Color Code/Alloy                          | Sheath Dia. in.            | Model No. 6" Length                                | Model No. 12" Length                                  |
| <b>J</b> Iron-Constantan<br>304 SS Sheath      | 0.040"<br>0.062"<br>0.125" | JMTSS-040(*)-6<br>JMTSS-062(*)-6<br>JMTSS-125(*)-6 | JMTSS-040(*)-12<br>JMTSS-062(*)-12<br>JMTSS-125(*)-12 |
| <b>**K</b> CHROMEGA®-ALOMEGA®<br>304 SS Sheath | 0.040"<br>0.062"<br>0.125" | KMTSS-040(*)-6<br>KMTSS-062(*)-6<br>KMTSS-125(*)-6 | KMTSS-040(*)-12<br>KMTSS-062(*)-12<br>KMTSS-125(*)-12 |
| <b>E</b> CHROMEGA-Constantan<br>304 SS Sheath  | 0.040"<br>0.062"<br>0.125" | EMTSS-040(*)-6<br>EMTSS-062(*)-6<br>EMTSS-125(*)-6 | EMTSS-040(*)-12<br>EMTSS-062(*)-12<br>EMTSS-125(*)-12 |
| <b>T</b> Copper-Constantan<br>304 SS Sheath    | 0.040"<br>0.062"<br>0.125" | TMTSS-040(*)-6<br>TMTSS-062(*)-6<br>TMTSS-125(*)-6 | TMTSS-040(*)-12<br>TMTSS-062(*)-12<br>TMTSS-125(*)-12 |

\*Specify junction type: **E** (exposed), **G** (grounded) or **U** (ungrounded). †Other lengths available, please consult Sales Department.

To order with 316 SS sheath, change "SS" in model number to "316SS". To order with Inconel sheath, change "SS" in model number to "IN".

\*\*For Super OMEGACLAD XL, change "SS" to "XL"

Ordering Example: KMTSS-125U-6, subminiature transition joint probe, Type K, 0.125" O.D. 304 stainless steel sheath, 6" length, ungrounded junction.

# Transition Junction Style Probes With High Temperature Molded Construction

## Metric Dimensions

- ✓ 150 mm and 300 mm Lengths in Stock†
- ✓ 1 m PTFE-Coated Lead Wires Standard
- ✓ Sheath Diameters from 1.0 mm to 3.0 mm
- ✓ 304SS, 316SS, Inconel®  
or Super OMEGACLAD® XL Sheath
- ✓ Grounded, Ungrounded or Exposed Junction
- ✓ Environmentally Friendly Cadmium-Free  
Liquid Crystal Polymer
- ✓ Molded Transition Junction Rated to 260°C (500°F)

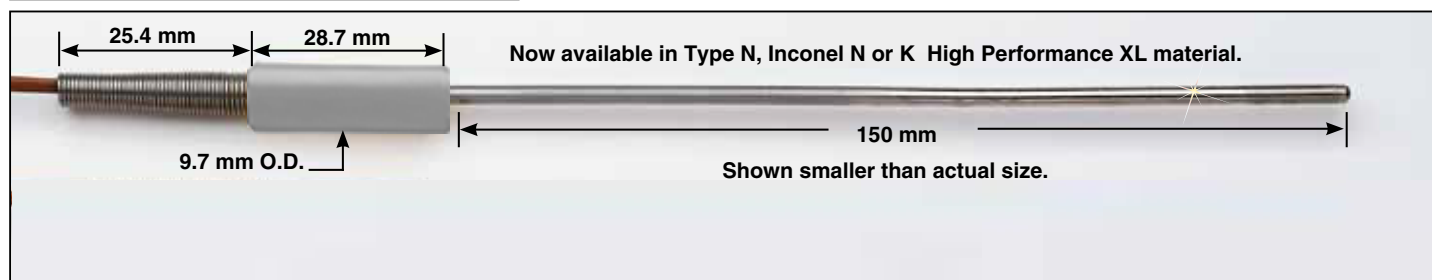
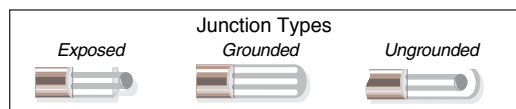
MEETS OR EXCEEDS  
SPECIAL LIMITS  
OF ERROR (SLE)  
AND EN 60584-2:  
Tolerance Class 1

OMEGACLAD™  
Factory CAL  
AVAILABLE

ANSI  
color  
code  
shown

To order  
IEC color  
code visit  
us online

Available as  
**SUPER**  
OMEGACLAD® XL  
THERMOCOUPLE WIRE  
MAXIMUM PERFORMANCE SHEATHING  
ELIMINATES HIGH TEMPERATURE DRIFT



## To Order

| ANSI Color Code/Alloy                          | Sheath Dia. mm    | Model No. 150 mm Length                                     | Model No. 300 mm Length                                     |
|------------------------------------------------|-------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| <b>J</b> Iron-Constantan<br>304 SS Sheath      | 1.0<br>1.5<br>3.0 | JMTSS-M100(*)-150<br>JMTSS-M150(*)-150<br>JMTSS-M300(*)-150 | JMTSS-M100(*)-300<br>JMTSS-M150(*)-300<br>JMTSS-M300(*)-300 |
| <b>**K</b> CHROMEGA®-ALOMEGA®<br>304 SS Sheath | 1.0<br>1.5<br>3.0 | KMTSS-M100(*)-150<br>KMTSS-M150(*)-150<br>KMTSS-M300(*)-150 | KMTSS-M100(*)-300<br>KMTSS-M150(*)-300<br>KMTSS-M300(*)-300 |
| <b>E</b> CHROMEGA-Constantan<br>304 SS Sheath  | 1.0<br>1.5<br>3.0 | EMTSS-M100(*)-150<br>EMTSS-M150(*)-150<br>EMTSS-M300(*)-150 | EMTSS-M100(*)-300<br>EMTSS-M150(*)-300<br>EMTSS-M300(*)-300 |
| <b>T</b> Copper-Constantan<br>304 SS Sheath    | 1.0<br>1.5<br>3.0 | TMTSS-M100(*)-150<br>TMTSS-M150(*)-150<br>TMTSS-M300(*)-150 | TMTSS-M100(*)-300<br>TMTSS-M150(*)-300<br>TMTSS-M300(*)-300 |

\*Specify junction type: **E** (exposed), **G** (grounded) or **U** (ungrounded)

†Other lengths available, consult Sales Department

To order with 316 SS sheath, change "SS" in model number to "316SS". To order with Inconel sheath, change "SS" in model number to "IN".

\*\*For Super OMEGACLAD XL, change "SS" to "XL"

Ordering Example: KMTSS-M150G-150, subminiature transition joint probe, Type K, 1.5 mm O.D. stainless steel sheath, 150 mm length, grounded junction.