

Cut-To-Length Thermocouple Probe

For Field Adaptable Applications



TCCTL-J-14U-24-40-TT
shown smaller than
actual size.

TCCTL Series

- ✓ Field Cuttable to the Length Needed Using a Tubing Cutter [76 mm (3") Length Minimum]
- ✓ Available in All Base Metal Thermocouple Calibrations (Types J, K, T, E and N)
- ✓ 6 and 4.5 mm ($\frac{1}{4}$ and $\frac{3}{16}$ ") Diameters Standard
- ✓ PFA and Two Fiberglass Insulated Cable Options Available

- ✓ 300 Series Stainless Steel Sheath
- ✓ Standard Length is 600 mm (24")
- ✓ Large Variety of Mounting and Terminating Options Available
- ✓ Maximum Temperature 260°C (500°F) for Type TT Leads, 482°C (900°F) for Type GG Leads, or 540°C (1000°F) for Type HH Leads

Standard Dimensions

To Order						
Model Number	Sheath Diameter	Probe Length	Cable Length	Max Temp °C (F)	T/C Type	Tip Style
TCCTL-J-14U-24-40-TT	$\frac{1}{4}$ "	24"	40"	260 (500)	Type J	Ungrounded
TCCTL-J-316U-24-40-TT	$\frac{3}{16}$ "	24"	40"	260 (500)	Type J	Ungrounded
TCCTL-K-14U-24-40-TT	$\frac{1}{4}$ "	24"	40"	260 (500)	Type K	Ungrounded
TCCTL-K-316U-24-40-TT	$\frac{3}{16}$ "	24"	40"	260 (500)	Type K	Ungrounded
TCCTL-T-14U-24-40-TT	$\frac{1}{4}$ "	24"	40"	260 (500)	Type T	Ungrounded
TCCTL-T-316U-24-40-TT	$\frac{3}{16}$ "	24"	40"	260 (500)	Type T	Ungrounded
TCCTL-E-14U-24-40-TT	$\frac{1}{4}$ "	24"	40"	260 (500)	Type E	Ungrounded
TCCTL-E-316U-24-40-TT	$\frac{3}{16}$ "	24"	40"	260 (500)	Type E	Ungrounded

Notes: Also available in Type N. For 482°C (900°F) rated fiberglass cable insulation change "TT" to "GG" in the model number. For 540°C (1000°F) rated fiberglass cable insulation change "TT" to "HH" in the model number.

(Note: Type "HH" cable is not available with Type T or Type E thermocouples). For a grounded thermocouple tip, change the "U" in the model number to "G".

Options: Add a standard sized connector by adding "-OSTW" to the model number. Add a miniature connector by adding "-SMPW" to the model number.

Accessories: Stainless steel and brass compression fittings are available for mounting, see "SSLK or BRLK" fittings.

Ordering Example: TCCTL-K-6U-600-1-TT, Type K cut-to-length thermocouple with 6 mm (0.24") diameter by 600 mm (24") long sheath, PFA insulated cable 1 m (40") long with a 260°C (500°F) maximum temperature.

Metric Dimensions

Model Number	Sheath Diameter	Probe Length	Cable Length	Max Temp °C (F)	T/C Type	Tip Style
TCCTL-J-4.5U-600-1-TT	4.5 mm	600 mm	1 m	260 (500)	Type J	Ungrounded
TCCTL-J-6U-600-1-TT	6 mm	600 mm	1 m	260 (500)	Type J	Ungrounded
TCCTL-K-4.5U-600-1-TT	4.5 mm	600 mm	1 m	260 (500)	Type K	Ungrounded
TCCTL-K-6U-600-1-TT	6 mm	600 mm	1 m	260 (500)	Type K	Ungrounded
TCCTL-T-4.5U-600-1-TT	4.5 mm	600 mm	1 m	260 (500)	Type T	Ungrounded
TCCTL-T-6U-600-1-TT	6 mm	600 mm	1 m	260 (500)	Type T	Ungrounded
TCCTL-E-4.5U-600-1-TT	4.5 mm	600 mm	1 m	260 (500)	Type E	Ungrounded
TCCTL-E-6U-600-1-TT	6 mm	600 mm	1 m	260 (500)	Type E	Ungrounded