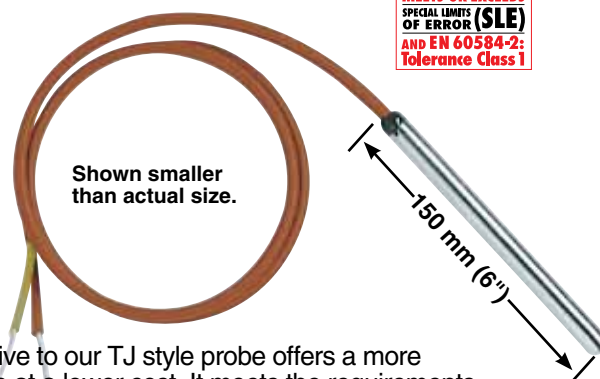


Specialty Thermocouple Probes

Low-Cost Hollow-Tube Thermocouple Probe

- ✓ 1 m (40") PFA-Insulated Lead Wire Epoxy Potted into a 304 SS Sheath
- ✓ Probe Rated Up to 450°F
- ✓ Probe Diameters of 1.5, 3.0, 4.5, and 6.0 mm ($\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", and $\frac{1}{4}$ ")
- ✓ J, K, T, E, and N Calibrations
- ✓ Glass-Insulated Leads Available for Higher Temperatures (Up to 900°F)
- ✓ Made with Special Limits of Error Wire
- ✓ Grounded Junction

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



Shown smaller
than actual size.

This alternative to our TJ style probe offers a more compact size at a lower cost. It meets the requirements of limited-space applications, without the metal transition fitting or strain relief spring.

To Order

Model Number	Probe Dia.	Lead AWG
HTTC36-(*)-116G-(**)	1.5 mm ($\frac{1}{16}$ ")	30 Solid
HTTC36-(*)-18G-(**)	3.0 mm ($\frac{1}{8}$ ")	24 Stranded
HTTC36-(*)-316G-(**)	4.5 mm ($\frac{3}{16}$ ")	20 Stranded
HTTC36-(*)-14G-(**)	6.0 mm ($\frac{1}{4}$ ")	20 Stranded

* Specify calibration type: J, K, T, E, or N.

** Specify probe length in inches $1\frac{1}{2}$ to 6" (38 to 150 mm).

Over 150 mm (6"), for additional cost per inch. 32 mm (1.25") minimum; 1.2 m (48") maximum. Over 1.2 m (48") consult Custom Engineering Department. Over 1 m (40") leads, for additional cost per foot, and modify model number. Add suffix: "GG" for fiberglass insulated lead wire. [Does not include 1.5 mm ($\frac{1}{16}$ ") diameter.]

Ordering Example: HTTC36-K-18G-6-GG, hollow tube thermocouple Type K calibration, 3 mm ($\frac{1}{8}$ ") diameter, 150 mm (6") probe length, 1 m (40") glass insulated leads.

Options: Modify model number to meet your specific needs. For connector terminations add suffix "-OSTW-M" or "-SMPW-M" for an additional cost. For ungrounded probe change "G" in part number to "U" and for an additional cost.

NB1 Replacement Probe With Lead Wire

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



Shown smaller
than actual size.

- ✓ Wide Variety of Wire Types Available
- ✓ J, K, T, E, and N Calibration Types
- ✓ User-Selectable Diameter and Length
- ✓ Made with Special Limits of Error Wire
- ✓ 1 m (40") Long Leads, Standard; Other Lengths Available

This flexible lead-wire replacement probe is ideal for field installation with existing protection heads or for extending leads to remote locations. Flexible leads prevent breakage in hard-to-wire situations. These probes have 20 AWG stranded lead wire and a $\frac{1}{2}$ x $\frac{1}{2}$ NPT hex fitting. Probe length includes 13 mm ($\frac{1}{2}$ ") of hex fitting threads.

Over 1 m (40") leads, modify model number, for additional cost per foot. TT-SB: PFA with SS overbraiding, GG-SB: fiberglass with SB overbraiding and length in inches, for an additional cost. Over 1 m (40") leads, modify model number, for additional cost per foot.

Ordering Example: NB1-CASS-14G-12RP-TT36, Type K "replacement probe", 300 mm (12") long, 6 mm ($\frac{1}{4}$ ") diameter, grounded junction with 1 m (40") PFA leads (for other diameters and configurations, contact Sales).

To Order

Model Number	Description
NB1-(*)SS-14G-(**)-RP-†	Up to 300 mm (12") probe length
NB1-(*)SS-14U-(**)-RP-†	Up to 300 mm (12") probe length

* Specify calibration type: CA, IC, CP, CX, NN. ** Probe length in inches. † Wire insulation type. TT: PFA, GG: fiberglass and length in inches.

Metal Handle Probe

- ✓ 1.5, 3.0, 4.5, and 6.0 mm ($\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", and $\frac{1}{4}$ ") Diameters
- ✓ 300 mm (1') of Retractable Cable Expands to 1.5 m (5')
- ✓ Probe Leads Terminate in a Male SMP Miniature Connector
- ✓ Heavy-Duty Aluminum Handle
- ✓ Bendable Probe
- ✓ Variations Available—Contact the Quotations Department

To Order

Model Number
MHP-(*)SS-14G-(**)-SMP

* Specify calibration type: CA, IC, CP, CX, NN for K, J, T, E and N.

** Specify probe length in inches.

Ordering Example: MHP-CASS-14G-12-SMP, metal handle probe, Type K calibration, 6 mm ($\frac{1}{4}$ ") diameter, 300 mm (12") length, SMP connector (for other diameters and configurations, contact Sales).

The MHP handle probe picks up where the HPS handle probes leave off, offering unparalleled durability and no probe length limitations. A compression fitting rigidly secures the probe to the cast-aluminum handle and provides the rugged construction and stability that long probes and heavy-duty applications require.

Shown smaller than actual size.



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

Molded Miniature
Connector Standard