

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 (1/16", 1/8", 3/16", and 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

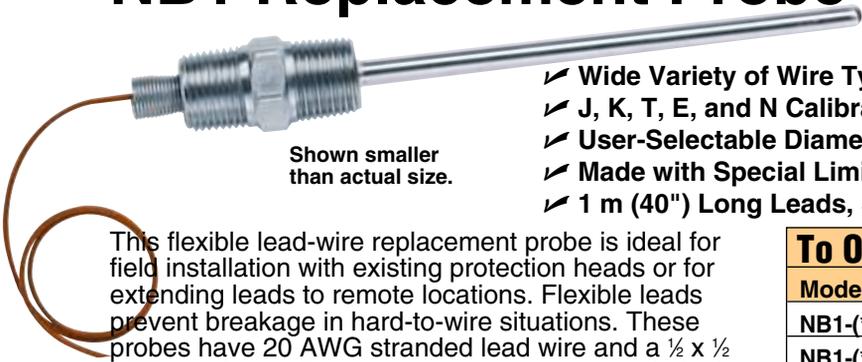


This alternative to our TJ style probe offers a more compact size at a lower cost. It meets the requirements of limited-space applications, without the metal transition fitting or strain relief spring.

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

* Specify calibration type: J, K, T, E, or N. ** Specify probe length in inches 1 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 (1/16") diameter.]
Ordering Example: HTTC36-K-18G-6-GG, hollow tube thermocouple Type K calibration, 3 mm (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



- ✓ 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

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



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 1/2 x 1/2 NPT hex fitting. Probe length includes 13 mm (1/2") of hex fitting threads.

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

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 (1/4") diameter, grounded junction with 1 m (40") PFA leads (for other diameters and configurations, contact Sales).

Metal Handle Probe



- ✓ 1.5, 3.0, 4.5, and 6.0 mm (1/16, 1/8, 3/16, and 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

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.



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

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 (1/4") diameter, 300 mm (12") length, SMP connector (for other diameters and configurations, contact Sales).

Molded Miniature Connector Standard