



Features & Options

- Plenum-rated Etched Teflons Leads or Cable
- Probe Lengths from 1.75" to 48"
- 1/4" Stainless Steel Probes
- Fits BAPI Duct, Immersion or Remote Sensor Applications
- Double Encapsulated

BAPI's Duct, Immersion and Remote temperature replacement probes are easy to field swap to save time and money when the old probe becomes damaged or the sensor requirements have changed.

Replacement Probes feature a standard 1/4" stainless steel probe, double encapsulated temperature sensor with minimum 6" 22 AWG Etched Teflon lead wires. The probes are available in various lengths from 1.75" to 48". The leads are available in a variety of lengths including 18", 5', 10', 15', 20', and 25'.

Additional cable options, lead lengths, and probe styles are available upon request. See the order grid to select the probe replacement for your application.



**Replacement Probes
1.75", 4.5", 6.5" & 8.25" Probes
with Etched Teflon Leads
(The 1.75" Probe is "No Flare"
while the other three are
"Flared")**

For detailed specifications on the individual Sensors & Transmitters, turn to "Sensors" Section.

Specifications

Thermistor:

Temp. Output Resistance
Accuracy ±0.36°F, (±0.2°C)
Probe Range -40° to 221°F (-40° to 105°C)

RTD:

Platinum (PT) KΩ @0°C, 385 curve,
Platinum (PT) 1KΩ @0°C, 375 curve
PT Accuracy (std) 0.12% @Ref, or ±0.55°F, (±0.3°C)
PT Probe Range -40° to 221°F, (-40 to 105°C)
Nickel (Ni) 1KΩ @70°F, JCI curve
Ni Probe Range -40° to 221°F (-40 to 105°C)

Probe Material: Rigid Stainless Steel, 0.25" OD

Probe Length: 1.75 to 48" or custom per order

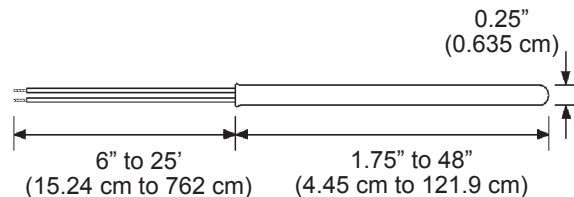
Lead Wire: Twin lead 22awg stranded

Wire Insulation: Etched Teflon, Plenum-Rated or FEP-Jacketed

Environmental Operating Range:

Probe with Etched Teflon or FEP-Jacketed Wire: -40 to 105°C
Probe with Plenum-Rated Wire: -20 to 75°C

Agency: RoHS





Use the Option Selection Guide below to create your custom part number. Replace the number and brackets with the designator for each selection. Skip the designator and dashes for optional selections that are not required in your configuration.



Replacement Temperature Probes Option Selection Guide:

BA/ (#1) - (#2) - (#3)

#1: Temperature Sensor (required)

- 1K[375] 1K Platinum RTD (375 curve)
- 1K[NI]..... 1K Ω Nickel RTD
- 1K 1K Platinum RTD (385 curve)
- 1.8K 1.8K Thermistor
- 3K 3K Thermistor
- 10K-2 10K-2 Thermistor
- 10K-3 10K-3 Thermistor
- 10K-3[11K]..... 10K-3[11K] Thermistor
- 20K 20K Thermistor

#2: Probe Type (Required)

- P-1.75" "No Flare" Probe, 1.75" probe
- P-4" "No Flare" Probe, 4.00" probe
- P-4.5" "Flared" Probe, 4.5" probe
- P-6.5" "Flared" Probe, 6.50" probe
- P-8.25" "Flared" Probe, 8.25" probe
- P-9.5" "Flared" Probe, 9.50" probe
- P-12.25" "Flared" Probe, 12.25" probe
- P-18.25" "Flared" Probe, 18.25" probe

Additional options are available for these units but not shown in this Selection Guide. Contact your BAPI representative for the complete list of options. Submittal sheets without List Prices can be downloaded from our website at www.bapihvac.com

#3: Leads or Cable (Required)

Etched Teflon Leads

- TFE 6 inch Etched Teflon leads
- TFE-18" 18 inch Etched Teflon leads
- TFE-5' 5 feet Etched Teflon leads
- TFE-10' 10 feet Etched Teflon leads
- TFE-15' 15 feet Etched Teflon leads
- TFE-20' 20 feet Etched Teflon leads
- TFE-25' 25 feet Etched Teflon leads

Plenum-Rated Cable

- PL-18" 18 inch Plenum Rated Cable
- PL-5' 5 feet Plenum Rated Cable
- PL-10' 10 feet Plenum Rated Cable
- PL-15' 15 feet Plenum Rated Cable
- PL-20' 20 feet Plenum Rated Cable
- PL-25' 25 feet Plenum Rated Cable

FEP Jacketed Cable

- FEP-18" 18 inch FEP Jacketed Cable
- FEP-5' 5 feet FEP Jacketed Cable
- FEP-10' 10 feet FEP Jacketed Cable
- FEP-15' 15 feet FEP Jacketed Cable
- FEP-20' 20 feet FEP Jacketed Cable
- FEP-25' 25 feet FEP Jacketed Cable

Example Number: BA/ (**10K-2**) - (**P-4.5"**) - (**TFE-18"**)

Actual Number (with brackets removed): BA/10K-2-P-4.5"-TFE-18"

Description: 10K-2 Thermistor, Flared 4.5" Probe, 18" of Etched Teflon Leads.

Your Number: BA/

