



### Features & Options

- Waterproof, Double Encapsulated Sensors
- Concave Probe or Remote Probes
- Optional BAPI-Box Crossover or BAPI-Box 2 Enclosure
- FEP-Jacketed Cable in 5 Color Choices

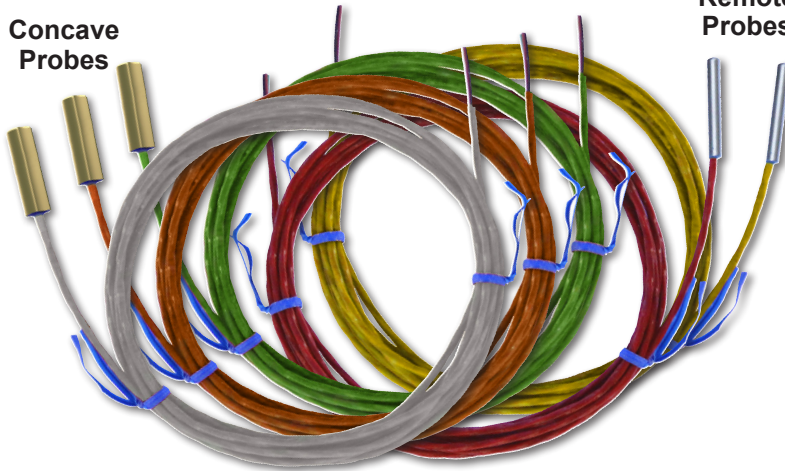
The Concave Probes feature a 1.35" long brass encapsulation shell with a concave indentation so that they fit on the outside of pipes such as condenser lines. Remote Probes feature a 1.75" long stainless steel probe without an indentation. Both probes come with FEP-jacketed cable in a choice of 5 colors and lead lengths.

Remote probes are commonly used in refrigerators, freezers, dry storage, car wash bays and other hard-to-access areas where immersion or duct sensors do not fit well.

Remote Sensors and Probes are available with a new BAPI-Box Crossover enclosure or BAPI-Box 2 Enclosure.

Concave Probes

Remote Probes



Concave Probe with BAPI-Box Crossover

Remote Probe with BAPI-Box 2



### Specifications

**Environmental Operation Range:**

Temperature Sensor: -40 to 105 °C • Humidity: 0 to 100%, non-condensing

**Sensing Element:**

Thermistor or RTD (See Sensors Sect. for Specs.)

**Probe Material:**

Remote Probe: Stainless Steel  
Concave Probe: Brass

**Enclosure Material:**

UV-resistant polycarbonate, UL94, V-0

**BAPI-Box Crossover Enclosure Rating:**

IP10, NEMA 1 (IP44 w/ knockout plug in open port)

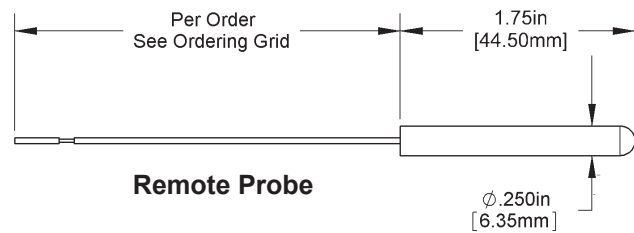
**BAPI-Box 2 Enclosure Rating:** IP66, NEMA 4X

**Encl. Dimensions: H x W x D**

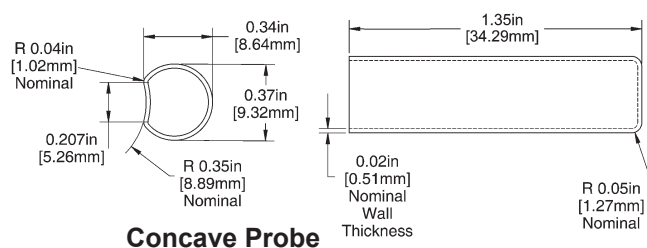
BAPI-Box Crossover:  
3.1 x 2.2 x 1.9" (79 x 56 x 49mm)

BAPI-Box 2: 4.9 x 2.8 x 2.4" (125 x 72 x 60mm)

(For BAPI-Box Crossover dimension drawings, turn to the end of the section.)



Remote Probe



Concave Probe





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



### Concave and Remote Probes with Colored Cables Selection Guide:

BA/ ( #1 ) - ( #2 ) - ( #3 ) - ( #4 )

**#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
- 1K Plat. RTD Transmitters below with 4 to 20 mA Output - BAPI-Box 2 Enclosure required.
- T1K[32 TO 212F] ..... 32 to 212°F Range
- T1K[20 TO 120F] ..... 20 to 120°F Range
- T1K[0 TO 100F] ..... 0 to 100°F Range
- T1K[0 TO 100C] ..... 0 to 100°C Range
- T1K[-7 TO 49C] ..... -7 to 49°C Range
- T1K[-18 TO 38C] ..... -18 to 38°C Range

*Matched Transmitters are also available. Contact your BAPI representative for ordering.*

**#2: Probe Type** (required)

- RPFEP ..... Remote Probe
- CPFEP ..... Concave 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](http://www.bapihvac.com)*

**#3: FEP Cable Color and Length** (required)

- ORG-18" ..... Orange Cable, 18" Length
- ORG-5' ..... Orange Cable, 5' Length
- ORG-10' ..... Orange Cable, 10' Length
- ORG-15' ..... Orange Cable, 15' Length
- ORG-20' ..... Orange Cable, 20' Length
- GRN-18" ..... Green Cable, 18" Length
- GRN-5' ..... Green Cable, 5' Length
- GRN-10' ..... Green Cable, 10' Length
- GRN-15' ..... Green Cable, 15' Length
- GRN-20' ..... Green Cable, 20' Length
- YEL-18" ..... Yellow Cable, 18" Length
- YEL-5' ..... Yellow Cable, 5' Length
- YEL-10' ..... Yellow Cable, 10' Length
- YEL-15' ..... Yellow Cable, 15' Length
- YEL-20' ..... Yellow Cable, 20' Length
- RED-18" ..... Red Cable, 18" Length
- RED-5' ..... Red Cable, 5' Length
- RED-10' ..... Red Cable, 10' Length
- RED-15' ..... Red Cable, 15' Length
- RED-20' ..... Red Cable, 20' Length
- 18" ..... Gray Cable, 18" Length
- 5' ..... Gray Cable, 5' Length
- 10' ..... Gray Cable, 10' Length
- 15' ..... Gray Cable, 15' Length
- 20' ..... Gray Cable, 20' Length

**#4: Enclosure** (optional)

- BBX ..... BAPI-Box Crossover (IP10)
- BB2 ..... BAPI-Box 2 (IP66, NEMA 4X)

**Example Number:** BA/( **10K-2** ) - ( **CPFEP** ) - ( **ORG-5'** ) - ( **BBX** )

**Actual Number (with parenthesis removed):** BA/10K-2-CPFEP-ORG-5'-BBX

**Description:** 10K-2 Thermistor, Concave Probe, 5' of FEP-Jacketed Orange Cable, BAPI-Box Crossover Enclosure.

**Your Number:** BA/

