Features & Options

- Etched Teflons Leads on Remote Sensors
- Plenum Cable or FEP Cable on Remote Probes
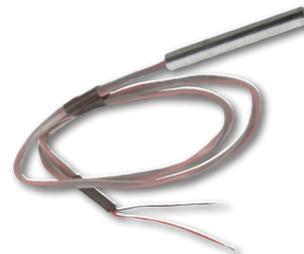- Double Encapsulated Sensors on Remote Probes

BAPI Remote Sensors feature a .75" long encapsulation shell and etched Teflon leads in lengths of 6", 18", 5', 10', 15', 20', and 25'. Remote Sensors are perfect for tight locations. Additional cable options, lead lengths and probe styles are available.

Remote Probes feature a 1.75" long stainless steel probe with either Plenum-Rated Cable or FEP-Jacketed Cable. Lead lengths are 18", 5', 10', 15', 20', and 25'. Remote Probes are commonly used in refrigerated case or strap-on applications. They are ideal for hard-to-access areas or spaces where the usual Immersion or Duct Sensors do not fit well. Additional cable options, lead lengths and probe styles are available upon request.

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

Remote Sensor with Epoxy Shell

Remote Probe with FEP Cable

Remote Probe with Plenum Cable

The BAPI-Box Crossover

The new BAPI-Box Crossover features a hinged cover with thumb latch for easy termination. It is available with a pierceable knockout plug for any open ports and a watertight cover gasket.

(Shown with optional plug and gasketed cover.)

BAPI-Box Crossover (BBX)

Specifications

Environmental Operation Range:
Temperature Sensor: -40 to 105 ºC
Temperature Transmitter: -20 to 70 ºC
Humidity: 0 to 100%, non-condensing

Enclosure Material:
UV-resist. polycarb., UL94, V-0

Enclosure Rating:
BAPI-Box Crossover (BBX): IP10, NEMA 1
BAPI-Box Crossover (BBX6): IP66, NEMA 4X

Sensing Element:
Thermistor or RTD (See Sensors Section for Specs.)

Encl. Dimensions: **H x W x D**
BAPI-Box Crossover: 3.1 x 2.2 x 1.9" (79 x 56 x 49mm)

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.

Remote Sensors and Probes Option Selection Guide:

BA/ (**#1**) - (**#2**) - (**#3**) - (**#4**) - (**#5**) - (**#6**)

#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: Remote Sensor, Etched Teflon Leads (Optional)
PP-6" ....Remote Sensor, 6" Leads
PP-18" ....Remote Sensor, 18" Leads
PP-5' ....Remote Sensor, 5' Leads
PP-10' ....Remote Sensor, 10' Leads
PP-15' ....Remote Sensor, 15' Leads
PP-20' ....Remote Sensor, 20' Leads
PP-25' ....Remote Sensor, 25' Leads

#3: Remote Probe, Plenum-Rated Cable (Optional)
RPP-6"...........Remote Probe, 6" Leads
RPP-18".........Remote Probe, 18" Leads
RPP-5' ....Remote Probe, 5' Leads
RPP-10' ....Remote Probe, 10' Leads
RPP-15' ....Remote Probe, 15' Leads
RPP-20' ....Remote Probe, 20' Leads
RPP-25' ....Remote Probe, 25' Leads

#4: Remote Probe, FEP Jacketed Cable (Optional)
RPFEP-6" ......Remote Probe, 6" Leads
RPFEP-18" ....Remote Probe, 18" Leads
RPFEP-5'.......Remote Probe, 5' Leads
RPFEP-10'.....Remote Probe, 10' Leads
RPFEP-15'.....Remote Probe, 15' Leads
RPFEP-20'.....Remote Probe, 20' Leads
RPFEP-25'.....Remote Probe, 25' Leads

#5: Remote Probe, FEP-Jacketed Cable Suitable for Submersion (Optional)
RPFEP2-6" ....Remote Probe, 6" Leads
RPFEP2-18" ..Remote Probe, 18" Leads
RPFEP2-5'.....Remote Probe, 5' Leads
RPFEP2-10'...Remote Probe, 10' Leads
RPFEP2-15'...Remote Probe, 15' Leads
RPFEP2-20'...Remote Probe, 20' Leads
RPFEP2-25'...Remote Probe, 25' Leads

#6: Enclosure and Lead Length (required)
BBX ....BAPI-Box Crossover (IP10)
BBX6 ....BAPI-Box Crossover (IP66)

Temperature transmitters and other 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

Example Number: BA/(**10K-2**) - (   ) - (**RPP-18"**) - (   ) - (   ) - (**BBX**)

Actual Number (with parenthesis removed): BA/10K-2-RPP-18"-BBX

Description: 10K-2 Thermistor, Outside Air Temperature Sensor, Remote Probe with Plenum Rated Cable, 18" Cable Leads, BAPI-Box Crossover Enclosure.

Your Number: BA/