



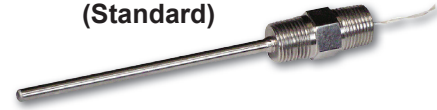
Features & Options

- Probe Lengths: 2", 4" and 8" (fit standard BAPI Thermowell lengths)
- Series 304 Stainless Steel Probes
- Double Encapsulated Sensors
- 3 Optional Watertight Enclosures
- Wide Selection of Temperature Sensing Elements

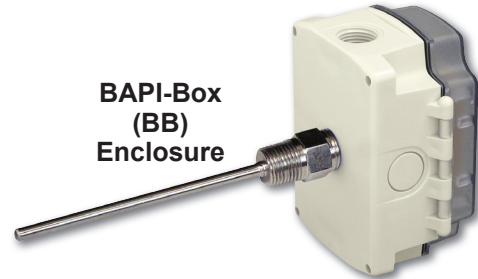
Immersion Units are available in 2", 4" and 8" probe lengths. This unit is provided with a 1/4" stainless steel probe and a 1/2" NPT double-ended stainless steel fitting.

The sensors are potted inside the probe with a thermally conductive compound. All units have etched Teflon leadwires and double encapsulated sensors to create a watertight package that can withstand high humidity and condensation. Immersion Probes are available with a watertight BAPI-Box, BAPI-Box 2 or a Weatherproof enclosure.

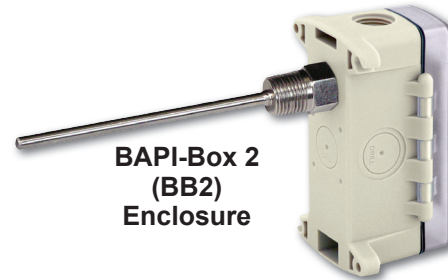
No Box (NB)
(Standard)



BAPI-Box
(BB)
Enclosure



BAPI-Box 2
(BB2)
Enclosure



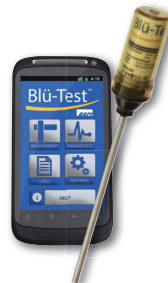
Weatherproof
(WP)
Enclosure



Blü-Test Bluetooth® Wireless Temp & Humidity Measurement Probe

Commissioning just got easier with BAPI's Bluetooth® temp and humidity probe. No need to carry an extra meter because the Blü-Test communicates to your Bluetooth-enabled Smart Phone or Tablet. The free App even lets you log the data.

For more info on the Blü-Test, see the Accessories section.



*All Passive Thermistors 20KΩ and smaller are CE compliant.

Specifications

Environmental Operation Range:

Temperature Sensor: -40 to 105 °C
Temperature Transmitter: -20 to 70 °C
Humidity: 0 to 100%, non-condensing

Enclosure Material:

WP Model: Cast Aluminum
BB & BB2: UV-resist. polycarb., UL94, V-0

Enclosure Rating:

WP Model: NEMA 3R
BB & BB2: IP66, NEMA 4

Encl. Dimensions: H x W x D

BAPI-Box (BB) 5 x 4.1 x 2.5" (127 x 104 x 63.5mm)
BAPI-Box 2 (BB2) 4.9 x 2.8 x 2.35" (125 x 71.6 x 60mm)
Weatherproof (WP) 4.5 x 2.75 x 2.2" (114 x 70 x 55mm)

(For enclosure dimension drawings, turn to the end of the section.)

For detailed specifications on the Sensors & Transmitters, see the "Sensors" section.



Immersion Probes w/ stainless steel fitting

A47

Rev. 04/18/16

Temperature Sensors

Ordering Grids without List Prices are available on our website at www.bapihvac.com

Ordering Information				Immersion Probes, Double Threaded - Temperature	List Price	Your Order	
BA/	Sensor Type (Required) Use the designator number (shown to the left in bold) to indicate the sensor						
#	1.8K	1.8K Ω @ 25 °C	1K[375]	1K Ω Platinum @ 0 °C, 3.75 Ω /°C temp. coeff.	Thermistors	\$ _____	
	2.2K	2.2K Ω @ 25 °C	1K[Ni]	1K Ω Nickel @ 21°C, 5 Ω /°C temp. coeff.	RTD's	\$ _____	
	3K	3K Ω @ 25 °C	1K	1K Ω Platinum @ 0 °C, 3.85 Ω /°C temp. coeff.	or	\$ _____	
	3.25K	3.25K Ω @ 25 °C (T30 type)	2K	2K Ω Silicon @ 20 °C, 8 Ω /°C temp. coeff.	\$35 for 1K(Ni)	\$ _____	
	3.3K	3.3K Ω @ 25 °C			Semi-conductors	\$ _____	
	10K-2	10K Ω @ 25 °C			\$25 Each	\$ _____	
	10K-3	10K Ω @ 25 °C				\$ _____	
	10K-3[11K]	5,238 Ω @ 25 °C	334	LM334 Semiconductor		\$ _____	
	20K	20K Ω @ 25 °C	592	AD592 Semiconductor, 273 μ A @ 0 °C		\$ _____	
	47K	47K Ω @ 25 °C	592-10K	AD592 Semicond. with 10 k Ω shunt resistor, 2.73 V @ 0 °C		\$ _____	
	50K	50K Ω @ 25 °C				\$ _____	
	100K	100K Ω @ 25 °C				\$ _____	
		TEMPERATURE TRANSMITTERS		<i>Must include a "range" figure. Requires an enclosure.</i>	Temperature Transmitters	\$ _____	
	T1K[range]	1K Platinum RTD, 1,000 Ω @ 0 °C with 4 to 20 mA Output			\$125 for	\$ _____	
	T1KM[range]	1K Platinum RTD, 1,000 Ω @ 0 °C with MATCHED* 4 to 20 mA Output			T1K & T10K	\$ _____	
	T10K[range]	10K Thermistor, 10,000 Ω @ 25 °C with 4 to 20 mA Output**				\$ _____	
	T10K5[range]	10K Thermistor, 10,000 Ω @ 25 °C with 0-5 VDC Output**				\$ _____	
	T10K10[range]	10K Thermistor, 10,000 Ω @ 25 °C with 0-10 VDC Output**				\$ _____	
		TEMPERATURE TRANSMITTER RANGES		Custom temperature transmitter ranges are available. Common ranges are listed below	\$280 for	\$ _____	
		30 TO 81F	-1 TO 27C	32 TO 212F	0 TO 100C	\$ _____	
		0 TO 100F	-18 TO 38C	40 TO 240F	4 TO 116C	\$ _____	
		20 TO 120F	-7 TO 49C	50 TO 250F	10 TO 121C	\$ _____	
		32 TO 134F	0 TO 57C			\$ _____	
		Note: Temperature Transmitter Units require a WP, BB or BB2 enclosure					
	Configuration (Required)						
	-I-2"-SS	2" Immersion length of 1/4" Diameter, Stainless Steel Probe, 3.5" probe (use 2" BAPI Well)			\$42	\$ _____	
	-I-4"-SS	4" Immersion length of 1/4" Diameter, Stainless Steel Probe, 5.5" probe (use 4" BAPI Well)			\$42	\$ _____	
	-I-8"-SS	8" Immersion length of 1/4" Diameter, Stainless Steel Probe, 8.5" probe (use 8" BAPI Well)			\$42	\$ _____	
		Optional Enclosure	Enclosure required for transmitters				
		-WP	Weatherproof Enclosure - NEMA 3R rated metal enclosure		\$12	\$ _____	
		-WPO	Weatherproof Encl. - NEMA 3R rated, Outside Mount (probe out the bottom)		\$12	\$ _____	
		-BB	BAPI-Box Enclosure - IP66 rated, UV-resistant polycarbonate		\$12	\$ _____	
		-BBO	BAPI-Box Encl. - IP66 rated, Outside Mount (probe out the bottom)		\$12	\$ _____	
		-BB2	BAPI-Box 2 Enclosure - IP66 rated, UV-resistant polycarbonate		\$12	\$ _____	
		-BB2O	BAPI-Box 2 Encl. - IP66 rated, Outside Mount (probe out the bottom)		\$12	\$ _____	
			Optional Terminal Block An enclosure is required				
		-TS	Terminal Strip Connection (BB or BB2 required for units with a Thermistor, RTD or Semiconductor)***			\$ _____	
EXAMPLE							
BA/	10K-2	-I-2"-SS	-WP				
Example Part Number: BA/10K-2-I-8"-SS-WP					Total =	\$ _____	
Your Part Number:							

Call BAPI if you have questions about the above ordering grid or the configuration of the product you are ordering.

*Transmitters with matched outputs require a Class A sensor.

**Range is limited to -40 to 185°F (-40 to 85°C)

***TS option is not available with the 592-10K Semiconductor sensor or the T10K transmitters.



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