

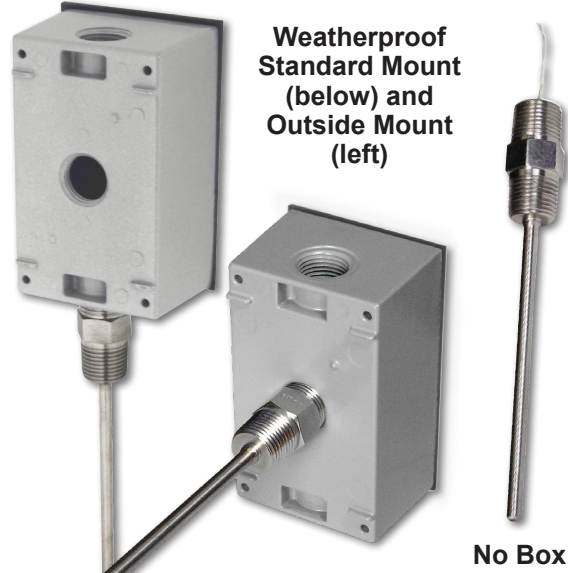


Features & Options

- Probe Lengths: 2", 4" and 8" (fit standard BAPI Thermowell lengths)
- Series 304 Stainless Steel Probes
- Double Encapsulated Sensors
- Three Optional Enclosures

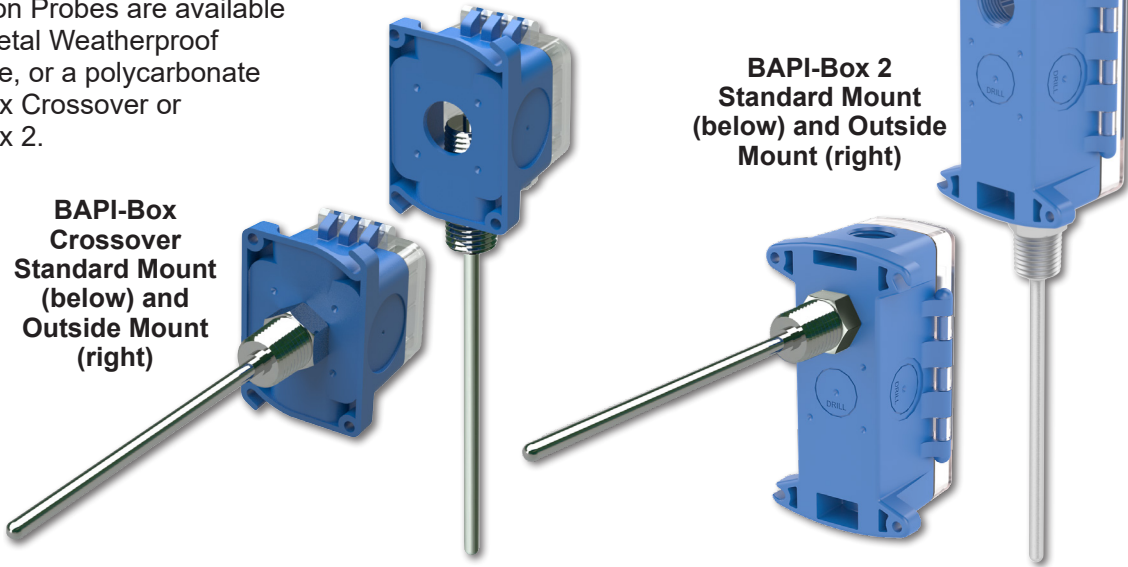
Immersion Units are available in 2", 4" and 8" probe lengths. This unit is provided with a 1/4" stainless steel probe and a 1/2" NPT double-ended stainless steel fitting.

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 metal Weatherproof enclosure, or a polycarbonate BAPI-Box Crossover or BAPI-Box 2.



Weatherproof Standard Mount (below) and Outside Mount (left)

No Box



BAPI-Box Crossover Standard Mount (below) and Outside Mount (right)

BAPI-Box 2 Standard Mount (below) and Outside Mount (right)

Specifications

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

Enclosure Material:
 Weatherproof: Cast Aluminum
 BAPI-Box 2: UV-res. Polycarb., UL94 V-0
 BAPI-Box Crossover:
 Cover: Polycarbonate, UL94 V-0
 Base: Nylon, UL94 HB

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

Probe Material: Stainless Steel, 1/4" dia.

Enclosure Rating:
 Weatherproof: IP24, NEMA 3R
 BAPI-Box Crossover:
 IP10, NEMA 1
 (IP44 with knockout plug in open port)
 BAPI-Box 2: 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)
 Weatherproof.....4.5 x 2.75 x 2.2" (114 x 70 x 55mm)
 BAPI-Box 2:.....4.9 x 2.8 x 2.35" (125 x 71.6 x 60mm)

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





Submittal sheets without List Prices are available on our website at www.bapihvac.com

Use the Option Selection Guides 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. Additional options are available but not shown above. Contact BAPI for the complete list of options.



Option Selection Guide

Immersion with SS Fitting Temperature Sensors

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

#1: Temp Sensor (Required) List Price

1.8K	1.8K Thermistor	\$18
3K	3K Thermistor	\$18
10K-2	10K-2 Thermistor	\$18
10K-3	10K-3 Thermistor	\$18
10K-3[11K]	10K-3[11K] Thermistor	\$18
20K	20K Thermistor	\$18
1K[375]	1K Plat. RTD (375 curve)	\$25
1K	1K Plat. RTD (385 curve)	\$25
1K[NI]	1K Nickel RTD	\$65

#2: Probe Length (Required)

I-2"-SS	2" (51mm) length	\$42
I-4"-SS	4" (102mm) length	\$42
I-8"-SS	8" (203mm) length	\$42

#3: Enclosure (Required)

BBX	BAPI-Box Crossover (IP10, NEMA 1) ..	\$0
BBXO*	BAPI-Box Crossover (IP10, NEMA 1) ..	\$0
BB2	BAPI-Box 2 (IP66, NEMA 4)	\$12
BB2O*	BAPI-Box 2 (IP66, NEMA 4)	\$12
WP	Weatherproof (IP24, NEMA 3R) ..	\$12
WPO*	Weatherproof (IP24, NEMA 3R) ..	\$12

#4: Test & Balance or Terminal Strip (Optional)

TB	Test & Balance Switch	\$7.50
TS	Terminal Strip Connection	\$7

*Outside Mount (probe out the bottom)

Option Selection Guide

Immersion with SS Fitting Temperature Transmitters

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

#1: Output (Required) List Price

T1K	4 to 20mA Output	\$125
TXS05	0 to 5V Output*	\$125
TXS10	0 to 10V Output*	\$125
TXS12	2 to 10V Output*	\$125
TXS15	1 to 5V Output*	\$125

#2: Temperature Range (Required)

[32 TO 212F]	32 to 212°F Range
[20 TO 120F]	20 to 120°F Range
[0 TO 100F]	0 to 100°F Range
[0 TO 100C]	0 to 100°C Range
[-7 TO 49C]	-7 to 49°C Range
[-18 TO 38C]	-18 to 38°C Range

#3: Probe Length (Required)

I-2"-SS	2" (51mm) length	\$42
I-4"-SS	4" (102mm) length	\$42
I-8"-SS	8" (203mm) length	\$42

#4: Enclosure (Required)

BBX	BAPI-Box Crossover (IP10, NEMA 1) ..	\$0
BBXO**	BAPI-Box Crossover (IP10, NEMA 1) ..	\$0
BB2	BAPI-Box 2 (IP66, NEMA 4)	\$12
BB2O**	BAPI-Box 2 (IP66, NEMA 4)	\$12
WP	Weatherproof (IP24, NEMA 3R) ..	\$12
WPO**	Weatherproof (IP24, NEMA 3R) ..	\$12

#5: Terminal Strip (Optional)

TS	Terminal Strip Connection	\$0
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*Voltage outputs are field selectable
**Outside Mount (probe out the bottom)

Example Number:
 BA/(10K-2) - (I-4"-SS) - (BBX) - ()
 BA/10K-2-I-4"-SS-BBX (no parenthesis)
Description: 10K-2 Thermistor, 4" Probe, BAPI-Box Crossover Enclosure
List Price: \$18 + \$42 = \$60 List Price

Example Number:
 BA/(T1K)[32 TO 212F] - (I-4"-SS) - (BBX) - ()
 BA/T1K[32 TO 212F]-I-4"-SS-BBX (no parenthesis)
Description: 4 to 20mA Transmitter, 32 to 212°F Range, 4" Probe, BAPI-Box Crossover
List Price: \$125 + \$42 = \$167 List Price

Your Number: BA/