Immersion Probes w/ nylon fitting

Temperature Sensors





Features & Options

- Probe Lengths: 2", 4" & 8" (fit standard BAPI Thermowell lengths)
- Series 304 Stainless Steel Probes and Six Enclosure Styles
- Double Encapsulated Sensors & Etched Teflon Leadwires

Immersion Units are available in 2", 4" and 8" probe lengths. The sensor is potted inside a 1/4" stainless steel probe with thermally conductive compound. All Immersion Units have etched Teflon leadwires and double encapsulated sensors to create a watertight package that can withstand high humidity and condensation.

Immersion Units come standard with a 2"x4" steel J-Box but are also available with a BAPI-Box 4 or three styles of watertight enclosure: Weatherproof, BAPI-Box or BAPI-Box 2. BAPI also offers optional liquid-tight fittings.



BAPI Thermowells

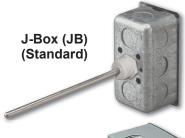
Immersion Unit Probes are designed to be inserted into a Thermowell. For more info on Thermowells, see page A48.

Pierceable Knockout Plug

A Pierceable Knockout Plug is available for the open port in the BAPI-Box 4 enclosure. With the plug installed, the BAPI-Box 4 carries an IP44 rating. See "Accessories" for more info.

> BAPI-Box 4 Immersion Sensor with Plug Installed







BAPI-Box (BB)





Specifications

Environmental Operation Range:

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

Enclosure Rating:

J-Box Model: IP20, NEMA 1

BB4 Model: IP10

(IP44 with Knockout Plug)

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

Enclosure Material:

J-Box Model: Galv. Steel WP Model: Cast Aluminum

BB & BB2: UV-resist. polycarb., UL94, V-0 BB4 Model: Nylon & Plastic, UL94, V-0

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)
BAPI-Box 4 (BB4) 2.8 x 2.06" (72 x 71.4 x 52.3mm)
J-Box (JB) 4.2 x 3.9 x 1.94" (106 x 98.4 x 49mm)
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.

*All Passive Thermistors $20K\Omega$ and smaller are CE compliant.

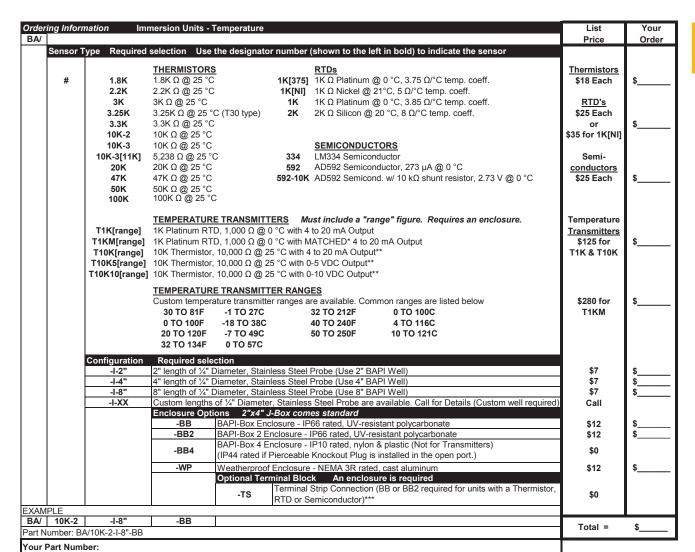


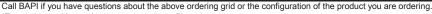


Immersion Probes w/ nylon fitting

Temperature Sensors

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





^{*}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.