



Features & Options

- Wireless 100 Foot Open Field Range
- Built in or Remote Temperature Sensor
- Four Year Battery Life
- Slim Unobtrusive Design That Is Easy To Mount
- Two Year Warranty

The BAPI-Slim Wireless Temperature Transmitter is designed to monitor temperature inside refrigerator and freezer cases. The BAPI-Slim mounts on the outside of freezer units and can be mounted either inside or outside of refrigerator units. The unit is available with an internal sensor or an RJ11 jack external sensor.

The external sensor's ribbon cable can easily fit between the door seal or through hole with FEP cable without affecting appliance efficiency. The temperature is then transmitted at 30-second intervals to the receiver with a measurement range of -40 to 185°F (-40 to 85°C).



**BAPI-Slim
Wireless
Temperature
Transmitter
with Remote
Probe Sensor**

Specifications

Supply Power: One 3.6 VDC Lithium Battery (included)
4 Year Replaceable, 1/2 AA, (3.6 VDC)

LED: LED Transmit Lamp Inside Cover

Sensor: Thermistor, 10K-2

Internal: Located at Bottom of Case

External: RJ11 Jack

1.75" SS Sensor with Ribbon Cable

2" Thermobuffer with Ribbon Cable

Measurement Range: -40 to 185°F (-40 to 85°C)

Accuracy: ±0.5°F (±0.28°C) from -40 to 185°F (-40 to 85°C)

Environmental:

-22 to 122°F (-30 to 50°C), 0 to 95% RH non-condensing

Case Material & Material Rating: ABS Plastic, UL94 V-0

Ext. Probe Material: 304 Stainless Steel (SS)

Transmitter Mounting:

Keyhole Screw Mounts (Screws not included)

Double-Sided Mounting Tape (Included)

Sensor Mounting:

Remote Probe: Plastic Holder (BA/FPB)

Thermobuffer: Hanging Rack Clip (Included)

Radio Frequency: 418 MHz @ 1mW

Transmitter Interval:

Selectable between 10 sec and 10 minutes in 5 second intervals (30 seconds default)

Antenna: Helical Coil Type Built into Case

Transmission Range:

Up to 100 Feet Open Air (418 MHz @ 1mW)

Up to 1,000 Feet Open Air w/ Repeater (900MHz @ 100mW)

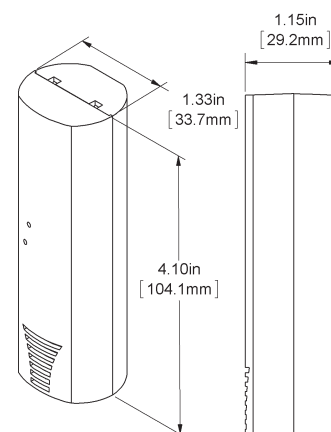
FCC Approval:

FCC Rules Part 15, Subpart B

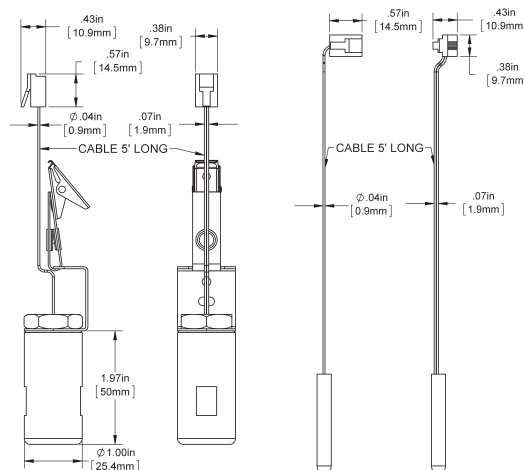
FCC ID# T4FSM061025 (418MHz Only)

Agency:

RoHS and Industry Canada (IC:9067A-SM061025)



**BAPI-Slim Wireless
Temperature Transmitter**



**External Hanging
Thermobuffer Sensor**

**External Remote
Probe Sensor**





BAPI-Slim Wireless Temperature Transmitter

| Ordering Information | | BAPI-Slim Wireless Temperature Transmitter | |
|---|--|--|--|
| BA/WT-SL | BAPI-Slim Wireless Temperature Transmitter | | |
| | Temperature Sensor Configuration | | Required Selection |
| | -IS | Internal Sensor - On board 10K-2 thermistor (no external sensor jack connector) | |
| | -RP | External Sensor - 1.75" SS Remote Probe with 10K-2 thermistor | |
| | -TB | External Sensor - 2" Hanging Thermobuffer with 10K-2 thermistor | |
| | -X | No Sensor - Includes an RJ11 jack for external sensor (Must order sensor separately) | |
| | External Sensor Cable Type and Length | | Required if -RP or -TB is selected above |
| | -R5 | PVC Ribbon Cable 5 feet | |
| | -R10 | PVC Ribbon Cable 10 feet | |
| | -FEP5 | FEP Round Cable 5 feet | |
| | -FEP10 | FEP Round Cable 10 feet | |
| | | External Sensor Connector Type | Required if -RP or -TB is selected above |
| | -RJ11 | RJ11 Plug | |
| EXAMPLE | | | |
| BA/WT-SL | -RP | -R5 | -RJ11 |
| Example Part Number: BA/WT-SL-RP-R5-RJ11: BAPI-Slim transmitter w/ remote probe and 5ft of ribbon cable | | | |
| Your Part Number: | | | |

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

Replacement Sensors for the BAPI-Slim Unit

| Ordering Information | | Replacement Sensors for the BAPI-Slim Wireless Temperature Transmitter | | | |
|--|---|--|-------|--------------------|--|
| BA/SL-102 | External Sensor Assembly for the BAPI-Slim Wireless Temperature Transmitter | | | | |
| | Temperature Sensor Configuration | | | Required Selection | |
| | -RP | 1.75" SS Remote Probe with 10K-2 thermistor | | | |
| | -TB | 2" Hanging Thermobuffer with 10K-2 thermistor | | | |
| | External Probe Cable Type and Length | | | Required Selection | |
| | -R5 | PVC Ribbon Cable 5 feet | | | |
| | -R10 | PVC Ribbon Cable 10 feet | | | |
| | -FEP5 | FEP Round Cable 5 feet | | | |
| | -FEP10 | FEP Round Cable 10 feet | | | |
| | External Probe Connector Type | | | Required Selection | |
| | -RJ11 | RJ11 Plug | | | |
| EXAMPLE | | | | | |
| BA/SL-102 | -RP | -R5 | -RJ11 | | |
| Example Part Number: BA/SL-102-RP-R5-RJ11: 10K-2 Thermistor remote probe and 5ft of ribbon cable | | | | | |
| Your Part Number: | | | | | |

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

Accessories

| Part Number | Description |
|------------------|--|
| BA/BAT-5AA | Replacement Battery, 1/2 AA, 3.6 VDC |
| BA/FPB | Flexible Probe Bracket for Probe Sensor Mounting |

Related Products

| Part Number | Description |
|-----------------------|--|
| BA/RCV418-WAM-x | 418MHz Wireless Receiver for BAPI Website Access |
| BA/RCV418-EZ | 418MHz Wireless Receiver for Analog Output Modules |
| BA/RCV900-EA-EZ | 900MHz Wireless Receiver for Analog Output Modules (requires a repeater) |
| BA/RPT49-EA-EZ | 418 MHz to 900MHz Repeater |
| BA/VOM-10-x-EZ | 0 to 10V Voltage Output Module |
| BA/COM-x-EZ | 4 to 20mA Current Output Module |
| BA/ROM-10x-EZ | Resistance Output Module, 10K-2 Thermistor Output |

