BAPI offers six enclosure styles for our non-room sensors. These include the BAPI-Box Crossover, Junction Box, BAPI-Box, BAPI-Box 2, BAPI-Box 4 and the Weatherproof Enclosure (“Bell Box”).

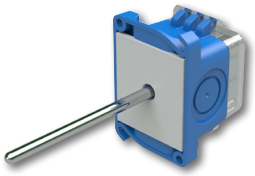
INDOOR ENCLOSURES

BAPI-Box Crossover

The BAPI-Box Crossover is made of UV-resistant polycarbonate and nylon and carries an IP10 rating. It is IP44 with a pierceable knockout plug installed in the open port.

IP10: Protected against solid foreign objects greater than 50mm diameter

IP44: Protected against solid foreign objects greater than 1mm diameter and protected against splashing water.



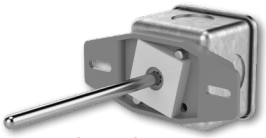
BAPI-Box Crossover

Junction Box

The Junction Box is made of galvanized steel with an IP20 and NEMA 1 rating.

IP20: Protected against solid objects greater than 12.5mm diameter.

NEMA 1: Constructed for indoor use to provide a degree of protection against falling dirt.



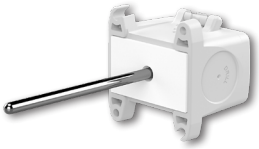
Junction Box (JB)

BAPI-Box 4 Enclosure

The BAPI-Box 4 is made of nylon and plastic and carries an IP10 rating or IP44 with the Pierceable Knockout Plug installed. It is half the size of the BAPI-Box 2 with a hinged (but not gasketed) cover.

IP10: Protected against solid foreign objects greater than 50mm diameter

IP44: Protected against solid foreign objects greater than 1mm diameter and protected against splashing water.



BAPI-Box 4 (BB4)

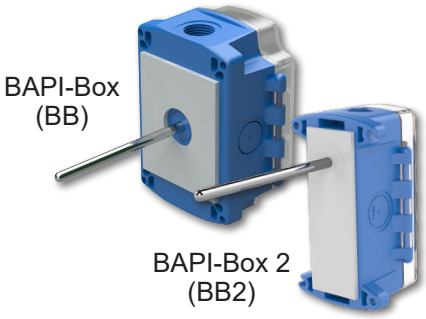
INDOOR/OUTDOOR ENCLOSURES

BAPI-Box and BAPI-Box 2 Enclosures

The BAPI-Box and BAPI-Box 2 are made of polycarbonate and carry an IP66 and NEMA 4 rating.

IP66: Dust tight & protected against powerful water jets from any direction.

NEMA 4: Constructed for indoor or outdoor use to provide a degree protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, hose-directed water; and that will be undamaged by the external formation of ice.



BAPI-Box (BB)

BAPI-Box 2 (BB2)

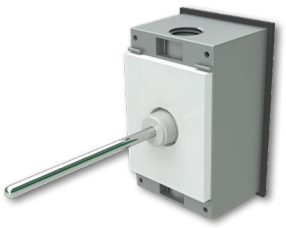
Weatherproof Enclosure (“Bell Box”)

The Weatherproof Enclosure is made of cast aluminum and carries an IP24 and NEMA 3R rating.

IP24: Protected against solid foreign objects greater than 12.5mm diameter, and protected against splashing water.

NEMA 3R: Constructed for indoor or outdoor use to provide a degree of protection against falling dirt, rain, sleet, snow; and that will be undamaged by the external formation of ice.

Note: The Weatherproof Enclosure is not watertight. If this enclosure will be subjected to driving rain, sprinkler systems or jets of water, then it may need a 3/16” weep hole drilled in the lowest horizontal face of the box.



Weatherproof (WP)

Note: For more information about NEMA and IEC enclosure ratings see BAPI’s application notes NEMA Enclosure Ratings and IEC Enclosure Ratings.