

Home Box

Temperature and
Temperature/Humidity
sensors



Temperature



Humidity

The Home Box family are unique sensors to protect comfortable conditions in your working and living environments. Different combinations of values for every home, office or public installation.



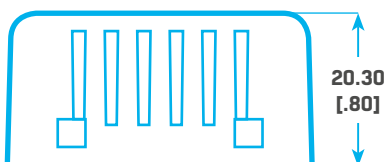
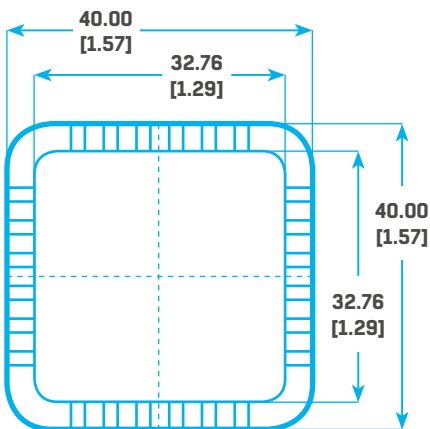
Sensor HTemp 1-Wire Home Box

Combined thermometer and humidity meter that can be connected over the 1-Wire bus to any HW group unit equipped with the 1-Wire interface.



Sensor Temp 1-Wire Home Box

Simple thermometer that can be connected over the 1-Wire bus to any HW group unit equipped with the 1-Wire interface.



Applications and usage

These sensors can be used in many areas. In addition to monitoring in households, commercial buildings, and school buildings, it will also help you in various measurement and regulation projects.

	Sensor HTemp 1-Wire Home Box	Sensor Temp 1-Wire Home Box
Sensor dimensions	40×40×20 mm	40×40×20 mm
Protection	IP30	IP30
Communication interface	1-Wire bus, RJ-11 jack	1-Wire bus, RJ-11 jack
Maximum length of the 1-Wire bus	60 m	60 m
Power supply	5V power from the 1-Wire port	5V power from the 1-Wire port

Temperature

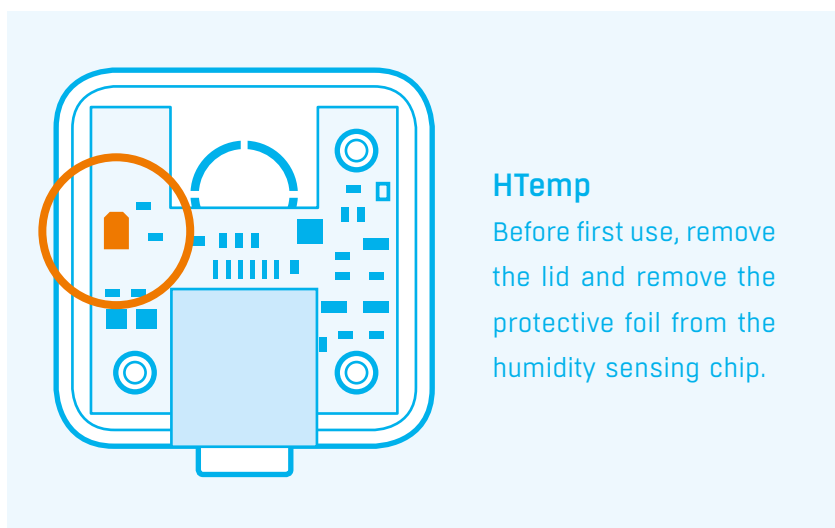
Measurement range	-30 to +70 °C	-30 to +70 °C
Measurement accuracy	0,8 °C	0,8 °C
Resolution	0,1 °C	0,1 °C

Humidity

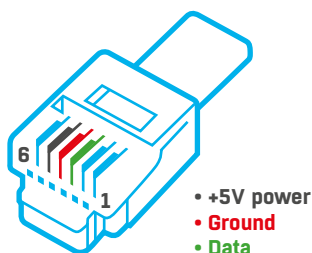
Measurement range	0 to 100% RH
Measurement accuracy:	5% RH at 25 °C
Resolution	0,1% RH

Installation and use

Housed in a small elegant plastic box, these sensors can be mounted on a wall or a ceiling or placed on a desk. They are small and lightweight so they can be secured in place with a piece of double-sided adhesive tape. A detachable cable with RJ-11 jacks is used for the connection. Then, use the supplied 3-meter cable to connect the sensor to any HW group unit equipped with the 1-Wire interface, and run sensor detection.



Connector pinouts



RJ12	RJ11			
3	2	Data	<->	1-Wire Data
4	3	GND	---	System Ground
5	4	+5V	---	Power Supply

