



## APPLICATIONS

- Environmental monitoring.
- Livestock farm.
- Storage.
- Forestry.
- Greenhouse.
- Agriculture.

## KEY FEATURES

- ABS construction.
- High sensitivity.
- Fast response time.
- Long service life.
- Low consumption.
- Good stability of output.
- Compatible with Smartyplanet.

## SPR330-01B Barometric Temperature & Humidity sensor



The *SPR330-01B* temperature and pressure sensor is an ideal solution for the measurement of different atmospheric parameters.



This sensor measures atmospheric temperature and relative humidity.

The sensors are positioned so that they can withstand adverse weather conditions. In addition, it is possible to complement them with protective plates before solar radiation and rain.

The measures it collects are highly accurate and reliable.

It is fully compatible with the **Smartyplanet web platform**. The recorded data can be easily analyzed.

The installation of this temperature, pressure and humidity sensor is simple and requires minimal maintenance.

	 Temperature sensor	 Humidity sensor
Range	-40 a +60 °C	0-100 %HR
Resolution	0,1°C	0,5 %HR
Accuracy	±0,5 °C	±0,5 %HR

## Mechanical construction

Probe material	ABS
Weight	120g
Supply	12-24 VDC
Current consumption	<20 mA
Output	RS485, 4-20mA, 0-10V

## Environmental protection

IP Rating	IP-65
Operating tmeperature	-40 to +80 °C



### Plug and play Installation

The design of this Station allows his installation under the concept 'to plug and play'. He places of simple form on posts, walls or poles, and his entail with the web of visualization is immediate and automatic.



### Without complicated infrastructures

With the different models of station it will be able to create networks of sensors adapted to the needs of his sector, without need of complicated infrastructures not costly.



### Better relation Cost - benefit

The new concept of station of sensors allows to have the best technology to monitor and to control his resources to a cost very lower than other existing alternatives on the market.



### Visualization in web page

The control of the sensors is realized by means of a web application personalized with multiple functionalities as alarms, historical, multiple users, etc.. Accessible from any device connected to Internet.



### Sensors Networks

The number of Stations to linking to his network is unlimited, being able to incorporate different models and configurations to form extensive networks that connect the information of his resources to Internet, to give response to the Smart cities of the future



### Multiple sensors

There are multiple the precision sensors that can join. The model of Station selects depending on the type and I number of sensors that he needs.