



APPLICATIONS

- Environmental monitoring.
- Livestock farm.
- Storage.
- Wind resource assessment.
- Greenhouse.
- Agriculture.

KEY FEATURES

- High sensitivity.
- Low temperature drift.
- LCD display optional.
- Light construction.
- Internal auto compensation.
- Compatible with Smartyplanet.

SPR300-01 Wall-mounted barometric pressure sensor



The barometric pressure sensor *SPR300-01* is a small sensor that is placed on walls.

It has applications in areas such as meteorology, agriculture, environmental control, etc.

The data it collects are accurate and reliable.

This data is transmitted and analyzed using the **Smartyplanet web platform** as it is fully compatible.

Optionally, it can have integrated an LCD screen that allows observing the data in situ.



Barometric pressure sensor

Range	0-110 kPa, 80-110 kPa, 60-110 kPa
Resolution	0,01 kPa
Accuracy	±0,02%FS
Response time	<1s



Mechanical construction

Weight	155 g
Dimensions	117 x 135 mm
Power supply	12-24VDC



Environmental protection

IP Rating	IP-55
Operating temperature	-40 to +75 °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.