



APLICACIONES

- Environmental monitoring.
- Greenhouse control system.
- Smart doors & windows.
- Smart light box.
- Livestock farm.
- Intelligent building control system.

KEY FEATURES

- ABS construction.
- Resistant to hostile conditions.
- Compact size.
- Intelligent control.
- Auto-heated.
- Easy installation.
- No maintenance.
- Compatible with Smartyplanet.

SPR400-02 Rain & Snow compact sensor



The SPR400-02 snow and rain sensor is the ideal solution to obtain qualitative data of these phenomena.

It has a very high sensitivity.

The sensor is placed on the surface of the product. It is a conductive ring that detects rain and snow.

This ring emits a signal to a switch built into the appliance.

When it rains or snows the switch is off. Otherwise, the switch remain in on position.

It is a solution designed primarily for environmental control and systems requiring intelligent control.

The snow and rain sensor is fully compatible with the **Smartyplanet web platform**. The registered data can be analyzed instantly thanks to this platform.



Rain & Snow sensor

| | |
|---|---|
| Heating power (optional) | 10 W |
| Angle between sensor and horizontal level | <15° |
| Switch | On if no rain or snow Off if it rain or snow |



Mechanical construction

| | |
|---------------|------------------------------------|
| Material | ABS |
| Weight | 150 g |
| Dimensions | 90 x 60 x 40 mm |
| Load capacity | 120 VAC/ 2A, 24 VDC/2 ^a |
| Power supply | 12-24 VDC |



Environmental protection

| | |
|-----------------------|--------------|
| Operating temperature | -30 to +70°C |
| IP rating | IP67 |



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.