



SPWS61 Radar sensor for continuous level measurement of water and wastewater

APPLICATIONS

- Hydrological monitoring.

KEY FEATURES

- Rugged design.
- PBT construction.
- Resistant to hostile conditions.
- High accuracy and reliability.
- No maintenance.
- Easy installation.
- Compatible with Smartyplanet.
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The *SPWS61* water level sensor is the ideal solution for all typical applications in the water and sanitation sector.

It is particularly suitable for level measurement in water treatment, pump stations and containment reservoirs.

The flood-proof IP68 housing guarantees maintenance-free permanent operation.

An integrated Bluetooth module allows wireless communication with a smartphone, tablet or PC.

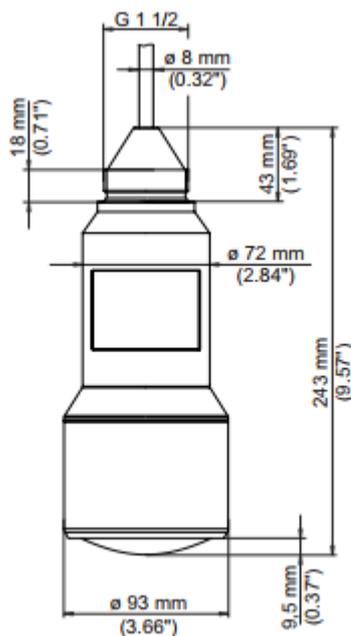
This allows data transmission to be instantaneous and since it is fully compatible with the **Smartyplanet web platform**, this data is easily analyzed.

The measurements are performed without contact and the data it collects are accurate in all types of environmental conditions



Mechanical construction

Material	PBT
IP Rating	IP68
Range	8m
Accuracy	±5mm
Process connection	Thread G1½,
Process pressure	-1 to +2 bar/-100 to +200 kPa
Process temperature	-40 to +60°C
Environmental and storage temperature	-40 to +80°C
Working voltage	12 to 35 VDC



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.