



APPLICATION

- Hydrological monitoring.

KEY FEATURES

- Rugged design.
- PVDF or PP construction.
- Resistant to hostile conditions.
- High accuracy and reliability.
- No maintenance.
- Easy installation.
- Compatible with Smartyplanet.

SP61 Radar sensor for continuous level measurement of liquids



The *SP61* liquid level sensor is a sensor for continuous measurement of liquid level under any type of environmental conditions.

The sensor obtains very accurate data regardless of the conditions to which it is subjected.

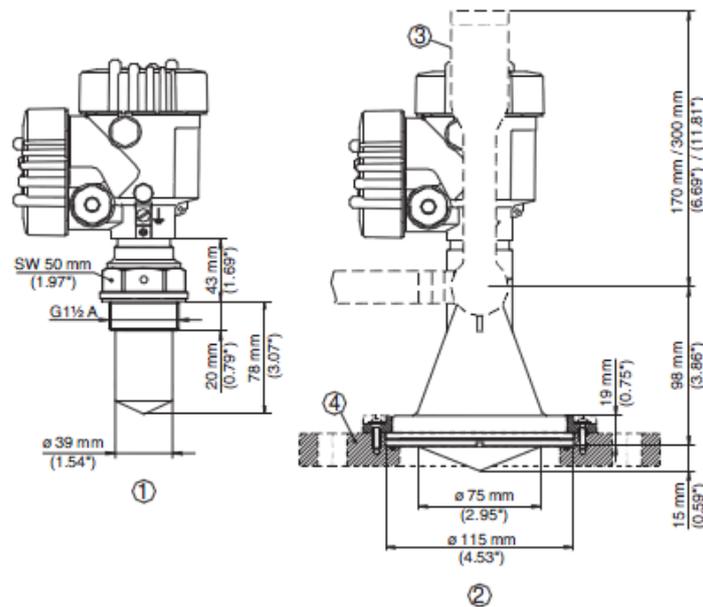
The data collected by this liquid level sensor are recorded and analyzed instantly by the **Smartyplanet web platform** as it is fully compatible.

The encapsulated antenna system it contains ensures a continuous maintenance-free operation.



Mechanical construction

Material	PVDF or PP
IP Rating	IP66 / IP67
Range	35 m
Accuracy	±2 mm
Connection process	Thread G1½, 1½ NPT; Mounting bracket; Flanges, loose from DN 80. 3", flanges Of adaptation from DN 100, 4"
Process pressure	-1 to +3 bar/-100 to +300 kPa
Process temperature	-40 to +80°C
Environmental temperature	-40 to +70°C
Working voltage	Low voltage: 9,6 to 48 VDC, 20 to 42 VAC, 50/60 Hz Network voltage: 90 to 253 VAC, 50/60 Hz
SIL qualification	Optional up to SIL2



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.

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.

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



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.

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.

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.