

Sensor for detecting the water level, using the capacitive technology for measuring the difference in capacity between the exposed side of the air and the side exposed to the tank whose level is to be monitored.

Features:

- Basic version supplied with **IP00** protection degree (only circuit without)
- Dimensions (mm): 35 x 20 x 7
- Power supply **+5V DC**
- Open-collector **digital output**
- **I2C connection** for configuration and interfacing with electronic boards
- Auto-calibration at power on to manage the presence of water at power on
- Possibility to digitally set the sensitivity and the intervention threshold
- Compatible with level measurement in **plastic containers**.

The sensor provides a liquid level control without any contact with the liquid to be measured, because it is placed outside the tank or container to be monitored.

Possible fields of applications:

- Check minimum or maximum level of liquid
- Empty tank signaling
- Monitoring of wastewater collection tanks

The sensor must be placed outside the tank: the presence of a minimum gap between sensor and tank wall (approximately 2/3 mm) is managed by configuration and allows the use of the sensor to monitor the level of removable tanks.

