SMART LEVEL SENSOR

IM245

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An easy to install level sensor with NB-IoT and LTE-M connectivity for remote level monitoring of various applications i.e. water buffers, infiltration, surface water and overflow applications.

Due to climate change we're building more and more reservoirs for either water buffering or infiltration applications. But do you know if your application works correctly? With the easy to install Smart Level Sensor you will be in a very short time. The working principle of this sensor is based on radar technology. By measuring the reflection time of the radar wave an exact distance is measured and transmitted to our server. Wioniq platform provides you an insight to the actual and historical data using dashboards and history graphs. In addition, alarm levels can trigger SMS/E-mail messages in order to take action if needed.

Because of the battery power, the sensor can be installed everywhere, even below ground. As a matter of fact, our applications prove that the sensor will even work under a metal cover. And the applications are endless. Wherever you want to measure a (water) level over time, this sensor will provide you the requested information.

Find the solution that suits your installation best from our wide range of Smart Technology.

Smart diagnostics in various applications.

Smart Level Measurement

Battery powered level sensor for remote monitoring

Key features

• The elegant and robust housing provides a waterproof protection of the sensor (IP67) and it's shockproof

• In addition to the level measurement, the sensor also measures the ambient temperature

• The energy efficient sensor is supplied with batteries with a lifespan of up to 5 years

• 4G NB-IoT communication ensures a good internet connection within Europe, including roaming between the different countries

Benefits

• Compact design for use in both large and small environments

• Quick and easy installation

• Long-lasting, battery-powered and wireless operation

• Notifications regarding water levels and volume, surrounding temperatures, correct installation, and battery status

• Data can be exported into graphs and reports

• Measurement and data transmission intervals can be increased when alarm levels are reached

• Customizable alert criteria for water levels, volumes or temperatures