



10 m



Data points:
11,680
per unit/month

CONTINUOUS MONITORING OF THE GROUND WATER LEVEL | WIRELESS DATA TRANSMISSION | AUTARCHIC OPERATION USING SOLAR PANELS | ALARM MESSAGES WHEN DEFINED LIMIT VALUES ARE REACHED | GRAPHIC DISPLAY OF THE LEVELS | INTEGRATION OF THE DATA IN YOUR OWN WEBSITE

Application sheet

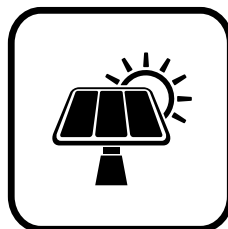
The application of Microtronics in gauge measurements



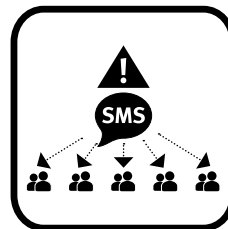
Continuous monitoring of the ground water level



Wireless data transmission



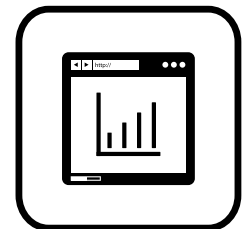
Autarchic operation using solar panels possible



Alarm messages when defined limit values are reached



Graphic display of the levels



Integration of the data in your own website

Requirements

- Monitoring of ground water levels
- Display of the measurement values on a map
- Documentation of the ground water conditions during building projects
- Alarm in the event of a level being exceeded
- Long-term geological analysis
- Permanent overview of a variety of sites
- Self-sufficient operation of inaccessible sites

Functional description

Equipping level sensors with M2M technology means that changes to the ground water level can be analysed and documented in the short- and long-term. The recording and collection of data from the sites that are often difficult to access is thus much easier and more efficient. The data acquisition is automated and the data is wirelessly transferred to a central server from where the data can be accessed and processed at any time.

Key functions

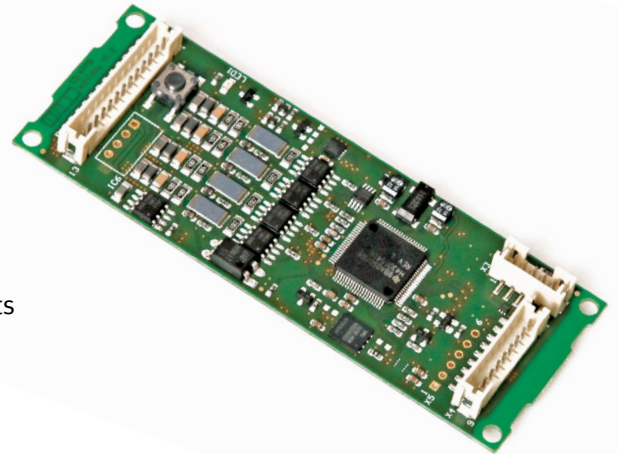
- Continuous monitoring of the ground water level
- Wireless data transmission
- Autarchic operation using solar panels possible
- Alarm notifications if a defined limit value is reached
- Graphic display of the levels
- Integration of the data in your own website

Fields of application

- Long-term analyses of ground water changes
- Measurement of the ground water level during building projects
- Alarm in the event of levels being exceeded

Target customers

- Manufacturers of well and level sensors
- Companies in the geology and hydrology sectors



Equipping level sensors with M2M technology means that changes to the ground water level can be analysed and documented in the short- and long-term.

Components

