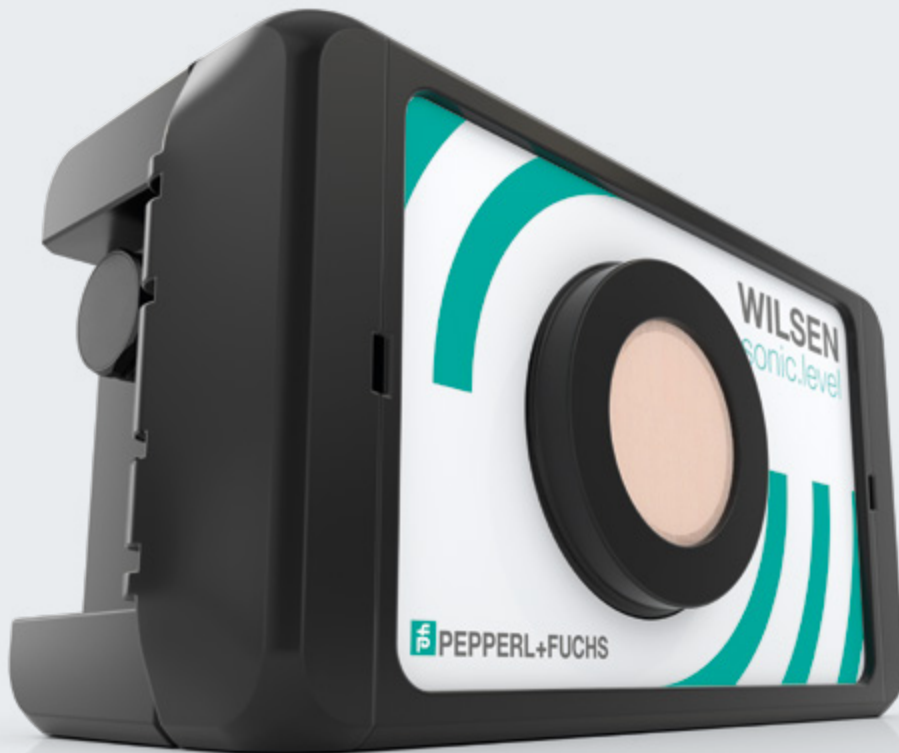


IoT Sensor for Intelligent Fill Level Management



WILSEN.sonic.level

Autonomous wireless sensor combined with unique ultrasonic expertise—your competitive advantage for intelligent business processes.



Your automation, our passion.

 **PEPPERL+FUCHS**

Innovative Sensor Solution Ensures Flexibility

Efficient Signal Transmission

- Globally standardized LoRaWAN® technology for transmission over several kilometers
- Integration into any LoRaWAN® network, whether private or public

User-Friendly Commissioning

- Easy parameterization and registration in the LoRaWAN® radio network via the WILSEN app (Android and iOS) and Bluetooth® LE

Comprehensive Measurement Data Acquisition

- Ultrasonic sensor for level measurement
- Geolocation via GPS
- Temperature values and battery status

Industrial-Grade IoT Sensor Suitable for Outdoor Use

- Rugged housing designed with IP66/67 protection
- Outdoor use at temperatures from -25 °C to +70 °C

Future-Proof Sensor Solution Tailored to the Application

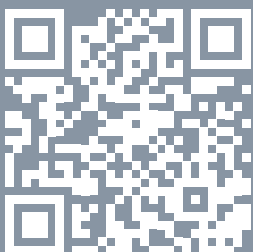
- Unique ultrasonic expertise from the market leader
- Extensive parameterization options
- Energy-optimized technology and a high-power battery ensure a long sensor service life

Versatile Application Solution

- Level and temperature recording plus geolocation anytime of tanks, silos, or containers
- Flexible use in supply and disposal management, for level measurement applications, and in flood protection



www.pepperl-fuchs.com • Subject to modifications • © Pepperl+Fuchs • Printed in Germany • Part. No. 70123467 10/20 01



For more information, visit:
pepperl-fuchs.com/pf-wilsen

Advantages of LoRa Technology



Connection of devices up to 15 km away and penetration through building walls and ceilings



Global availability and vendor neutrality for quick implementation of IoT applications



Minimal absorption of transmission energy—sensor can operate for years without battery replacement



Data transmission via radio saves on wiring



High data security and integrity through authentication and end-to-end encryption



Low or zero operating costs due to use in a license-free frequency band