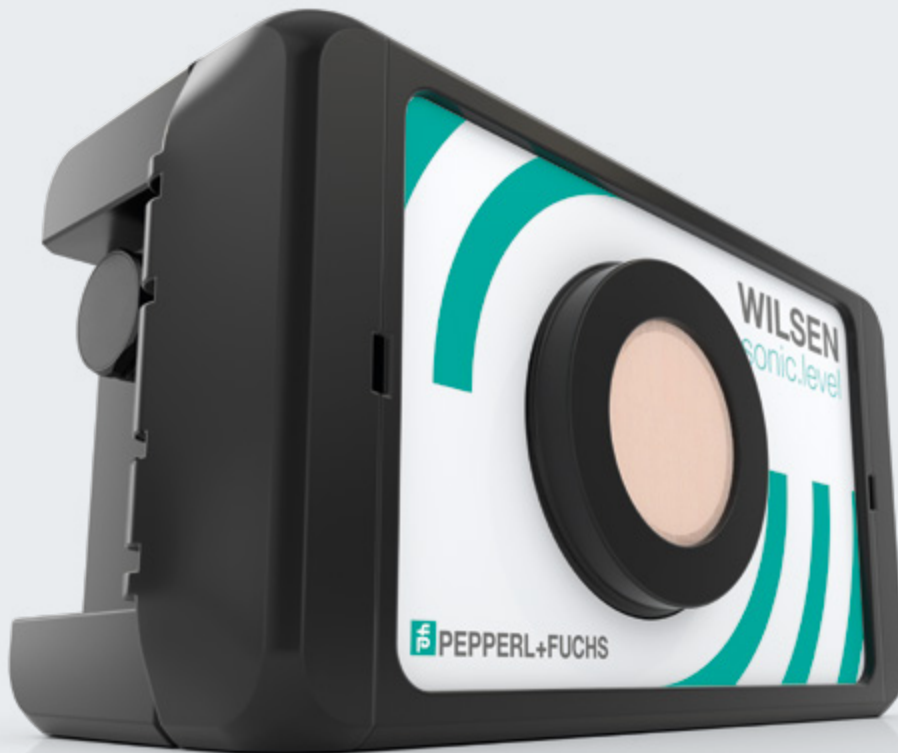


IoT Sensor for Intelligent Fill Level Management



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

Standardized

- Globally standardized LoRaWAN® network for efficient, long-range signal transmission
- Integration into any LoRaWAN® network—private or public

Application expertise

- Unique ultrasonic expertise: our solutions meet current and future challenges

Multisensor

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



WILSEN.control mobile device app

- Easy to install and operate: mobile app simplifies device and system configuration

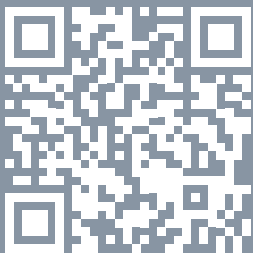
Use cases

- Waste management
- Supply management
- Utility management
- Level monitoring

Industrial use

- Rugged housing, IP66/67 rating
- Outdoor use in temperatures from -25 °C to +70 °C

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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 operating costs with the license-free frequency band