

LiebeWH LiebeWHoawr52nf3g

LiebeWH Liquid Level Sensor Instruction Manual

Model: LiebeWHoawr52nf3g

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the LiebeWH Liquid Level Sensor, model LiebeWHoawr52nf3g. This device is designed for accurate liquid level detection in various environments, utilizing a stainless steel construction for durability and corrosion resistance.

Please read this manual thoroughly before using the product to ensure proper function and safety.

PRODUCT FEATURES

- **Durable Construction:** The sensor shell is made of premium stainless steel, offering excellent performance and durability, along with anti-corrosion properties.
- **High Measurement Precision:** Designed for accurate liquid level detection.
- **Anti-Clogging Design:** Facilitates easy cleaning and maintenance.
- **Stable Structure:** Features a solid, bend-resistant design that is not prone to deformation, ensuring good stability.
- **Waterproof Cable:** Equipped with a 33-meter long waterproof cable, suitable for detecting water levels in the range of 0-5 meters.
- **Wide Application:** Suitable for use in water plants, sewage treatment plants, city water supply systems, high-rise pools, wells, mines, industrial pools, water tanks, oil pools, hydrogeology, reservoirs, rivers, and oceans.

SPECIFICATIONS

Specification	Value
Item Type	Liquid Level Sensor
Material	Stainless steel
Color	Silver, black

Specification	Value
Cable Length	Approx. 33m (108.3ft)
Measurement Range	0-5 meters (with 33m cable)
Model Number	LiebeWWhoawr52nf3g
Manufacturer	LiebeWH
Item Weight	2.01 kg
Parcel Dimensions	37.3 x 28.3 x 7.5 cm

PACKAGE CONTENTS

The package includes:

- 1 x LiebeWH Liquid Level Sensor with integrated 33m cable

SETUP AND INSTALLATION

Proper installation is crucial for accurate and reliable operation of the liquid level sensor. Follow these steps carefully:

- Site Selection:** Choose a location where the sensor can be freely suspended into the liquid without obstructions. Ensure the cable length is sufficient for the maximum liquid depth.
- Mounting:** Secure the sensor cable at the desired suspension point. The sensor should hang vertically into the liquid. Avoid bending or kinking the cable excessively.
- Electrical Connection:** Connect the sensor's output wires to your monitoring or control system according to the system's specifications. Ensure all connections are secure and properly insulated to prevent water ingress. Refer to your system's wiring diagram for specific pin assignments.
- Calibration (if applicable):** Some systems may require initial calibration. Follow the instructions provided with your monitoring equipment for any necessary calibration procedures.

Liquid Level Sensor

Solid structure, bend resistant, has good stability

High measurement precise

Anti clogging, easy to clean

The shell is made of premium stainless steel,
with excellent anti corrosion performance and durability



Figure 1: The LiebeWH Liquid Level Sensor with its coiled 33-meter cable. This image shows the overall appearance of the sensor unit and the extensive cable length provided for deep liquid level monitoring.

Liquid level sensor



Figure 2: The LiebeWH Liquid Level Sensor partially submerged in water, illustrating its intended operational environment. The stainless steel body is designed for direct contact with liquids.

OPERATING INSTRUCTIONS

Once installed and connected, the LiebeWH Liquid Level Sensor operates continuously to provide real-time liquid level data.

- **Continuous Monitoring:** The sensor will automatically detect and transmit liquid level information to the connected monitoring system.
- **Data Interpretation:** Refer to your monitoring system's manual for instructions on how to interpret the sensor's output signals (e.g., voltage, current, digital signal) and convert them into actual liquid depth measurements.
- **Environmental Considerations:** Ensure the operating environment remains within the sensor's specified temperature and pressure limits to maintain accuracy and longevity.



Equipped with waterproof cable,
safe to use

Suitable for detecting water level in
the range of 0-5m

Can be widely used in water plant, sewage
treatment plant, city water supply, high rise
pool, well, mine, etc.

Figure 3: An overview of the LiebeWH Liquid Level Sensor highlighting its key features such as solid structure, high precision, anti-clogging design, and stainless steel construction. This image emphasizes the robust build quality.

MAINTENANCE

The LiebeWH Liquid Level Sensor is designed for low maintenance. However, periodic checks can help ensure optimal performance.

- **Visual Inspection:** Periodically inspect the sensor body and cable for any signs of damage, corrosion, or wear.
- **Cleaning:** If the sensor is operating in an environment with suspended solids or biological growth, it may accumulate debris. Gently clean the sensor head with a soft brush and clean water to remove any buildup. Avoid using abrasive materials or harsh chemicals.
- **Cable Integrity:** Check the cable for any cuts, abrasions, or signs of insulation degradation. Ensure the cable entry point into the sensor is sealed.
- **Connection Check:** Verify that all electrical connections remain tight and free from corrosion.



Figure 4: A detailed view of the LiebeWH Liquid Level Sensor's end and a portion of its coiled cable. This image highlights the sensor's robust construction and the quality of the waterproof cable.

TROUBLESHOOTING

If you encounter issues with your LiebeWH Liquid Level Sensor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No output or incorrect readings	◦ Loose or incorrect wiring ◦ Sensor fouled by debris ◦ Power supply issue ◦ Sensor damage	◦ Check all electrical connections for tightness and correct polarity. ◦ Remove the sensor and gently clean the sensing element. ◦ Verify the power supply to the sensor and monitoring system. ◦ Inspect the sensor for physical damage. If damaged, replacement may be necessary.

Problem	Possible Cause	Solution
Intermittent readings	◦ Unstable power supply ◦ Loose cable connections ◦ Environmental interference	◦ Ensure a stable power source. ◦ Secure all cable connections. ◦ Check for strong electromagnetic fields nearby that might interfere with the signal.
Sensor not detecting liquid	◦ Sensor not submerged ◦ Sensor completely clogged	◦ Verify the sensor is positioned correctly within the liquid. ◦ Clean the sensor thoroughly as per maintenance instructions.

WARRANTY INFORMATION

LiebeWH products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact LiebeWH customer support. Typically, warranty covers defects in materials and workmanship under normal use.

CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact LiebeWH customer support. Provide your product model number (LiebeWHoawr52nf3g) and a detailed description of your issue for efficient service. For more information, you may visit the official LiebeWH store:[LiebeWH Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question