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HEXEH QFM2160

HEXEH QFM2160 Temperature and Humidity Sensor Instruction Manual

Model: QFM2160 | Brand: HEXEH

1. PRODUCT OVERVIEW

The HEXEH QFM2160 is a high-precision digital temperature and humidity sensor designed for various industrial and environmental monitoring applications. It features industrial-grade protection, long-term stability, and anti-interference performance, ensuring reliable data collection. Its compact structure and convenient installation make it suitable for a wide range of settings.



Figure 1: HEXEH QFM2160 Temperature and Humidity Sensor. This image displays the assembled sensor unit, highlighting its main components and overall design.

Key features include:

- Industrial-grade protection with long-term stability.
- Anti-interference performance for reliable readings.
- High-precision digital sensors and master control.
- Stable output and fast response speed.
- Equipped with mounting accessories for easy installation.

2. SPECIFICATIONS

Attribute	Value
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Attribute	Value
Model Number	QFM2160
Brand	HEXEH
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.1 pounds
Number of Pieces	1
Assembly Required	No

3. SETUP AND INSTALLATION

The QFM2160 sensor is designed for convenient installation. Ensure the mounting location is free from excessive vibration, direct sunlight, or extreme temperature fluctuations that could affect readings. The sensor transmitter comes with necessary mounting accessories.

- Unpack:** Carefully remove the sensor from its packaging. Inspect for any visible damage.
- Select Location:** Choose a suitable location that accurately represents the environment to be monitored. Avoid areas near heat sources, vents, or open windows.
- Mounting:** Use the provided mounting accessories to securely attach the sensor to a stable surface. Ensure the sensor probe is positioned correctly for optimal air circulation.
- Wiring:** Connect the sensor to your monitoring system according to the wiring diagram provided in your system's documentation. Pay close attention to power supply and signal connections to prevent damage.





Figure 2: HEXEH QFM2160 Sensor with Mounting Bracket. This image illustrates the sensor attached to its mounting bracket, demonstrating how it can be secured for installation.

4. OPERATING INSTRUCTIONS

Once installed and powered, the QFM2160 sensor will begin to measure temperature and humidity. The sensor provides stable output and fast response times.

1. **Power On:** Ensure the sensor receives the correct power supply as specified in the technical documentation.
2. **Data Acquisition:** The sensor will transmit temperature and humidity data to your connected monitoring system. Refer to your system's manual for instructions on how to read and interpret the data.
3. **Calibration (if applicable):** While the sensor is factory-calibrated, some applications may require periodic recalibration. Consult your system's guidelines or contact technical support for calibration procedures.

5. MAINTENANCE

To ensure optimal performance and longevity of your HEXEH QFM2160 sensor, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the exterior of the sensor with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Probe Inspection:** Ensure the sensor probe remains free from dust, debris, or moisture accumulation, which can affect measurement accuracy.
- **Environmental Checks:** Verify that the operating environment remains within the specified temperature and humidity ranges for the sensor.
- **Connection Integrity:** Periodically check all electrical connections to ensure they are secure and free from corrosion.

6. TROUBLESHOOTING

If you encounter issues with your QFM2160 sensor, consider the following common troubleshooting steps:

- **No Reading/Incorrect Reading:**
 - Check power supply and wiring connections.
 - Ensure the sensor probe is clean and unobstructed.
 - Verify the sensor is installed in an appropriate location, away from interference.
- **Intermittent Readings:**
 - Inspect wiring for loose connections or damage.
 - Check for sources of electromagnetic interference.
- **Sensor Not Responding:**
 - Confirm the power supply is active and correct.
 - If issues persist, contact technical support.

7. WARRANTY AND SUPPORT

HEXEH is committed to providing reliable products and excellent customer service. If you encounter any technical problems or require assistance with your QFM2160 sensor, please contact our technical support team.

Technical Support: For technical inquiries, please email us. We aim to reply as soon as possible to assist you with any issues.



Figure 3: HEXEH QFM2160 Product Packaging. This image shows the sensor within its retail packaging, displaying the model number and brand information.

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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.

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Question

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

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

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