Manuals+ — User Manuals Simplified.

Mikster NTHD-01 PHARM Radio Temperature and Humidity Sensor Owner's Manual

Contents

Mikster NTHD-01 PHARM Radio Temperature and Humidity Sensor

Product Description

- Dimensions: External one, height 90 mm
- Power: 3.6 v AA 2.6 AA replaceable lithium battery
- Antenna: A permanently mounted external one
- Registration: 4,608 samples/channel
- Display: LCD 4 digits dedicated
- Temperature measuring range: 0°C to 50°C
- Temperature measurement error: ±1°C
- Temperature measuring resolution: 0.1°C
- Humidity measuring range: 0%RH to 100% RH
- Humidity measuring error: ±1% RH
- Humidity measuring resolution: 0.1% RH
- Communication: 868.4 MHz radio
- Measuring element: NTC thermistor and capacitive sensor
- Measurement channels: Temperature and humidity
- Operating conditions: -20°C to 50°C, 0%RH to 100%RH
- External dimensions weight: 80 g (net)
- Fixing: You can hang it or put it on the ground
- Degree of protection: IP 20

Product Usage Instructions

1. Insert the AA lithium battery into the sensor

2. Place the sensor in the desired location (hang it or place it on the ground)
3. The LCD display will show the current temperature and humidity readings
4. The sensor will automatically transmit temperature and humidity data to a receiving device at a frequency of 868.4 MHz radio
5. If an additional probe is required, connect it to the sensor following the instructions provided in the user manual
6. Keep the sensor operating within the recommended operating conditions of -20°C to 50°C, 0%RH to 100%RH
7. If the battery needs replacing, follow the instructions provided in the user manual and replace it with a 3.6 v AA 2.6 AA replaceable lithium battery

For any further information or assistance, please contact MIKSTER Sp. z o.o. at tel. 32 763 77 77 or email **info@mikster.pl**.

DESCRIPTION

NTHD-01 PHARM sensor enables continuous recording of temperature for up to 136 hours with a recording frequency every 1 minute. The sensor's registration can be read via the NRU-20 PHARM+ radio logger connected to a computer with installed software
Loggisoft" software. The built-in LCD display makes the device easy to operate device and enables local
1isualization of the measurements. Its use to recommended in places where installation is difficult or inadvisable, and there are no difficult environmental conditions (high humidity/dust) e.g. in pharmacies, clinics, hospitals.

Technical data

Technical data	
Power	*3.6 v AA 2.6 AA replaceable lithium battery*
Antenna	*permanently mounted external one,* *height 90 mm*
Registration:	*4,608 samples/channel*
Display:	LCD 4 digits dedicated
Temperature measuring range:	*-30°C ÷ 70°C*
Temperature measurement error:	*≤±0.3 °C in the range of 0 °C to 25 °C* *≤±0.5 °C in other ranges*
Temperature measuring resolution:	*0,1°C*
Humidity measuring range:	*0%RH to 100% RH*
Humidity measuring error:	*≤ ±3% RH w zakresie 0% ÷ 80%RH* *≤ ±5% RH w zakresie 80% ÷ 100%RH*
Humidity measuring resolution:	1% RH
Communication:	*868.4 MHz radio*
Measuring element:	*internal digital sensor* *option to connect a dedicated, external temperature or temperature and* *humidity probe (sold separately)*
Measurement channels:	*two internal (temperature and humidity) Expandable by a further 2* *using an external probe*
Operating conditions:	*temperature: –30°C to 70 °C humidity: 0% RH to 99% RH (no condensation)*
Installation data	
External dimensions	*71 x 71 x 27 mm (w x h x d) without antenna*
Weight	*80 g (net)*
Fixing	*You can hang it or put in on the ground*
Degree of protection	*IP 20*

Dimensions

71mm

27mm

Connecting an additional probe
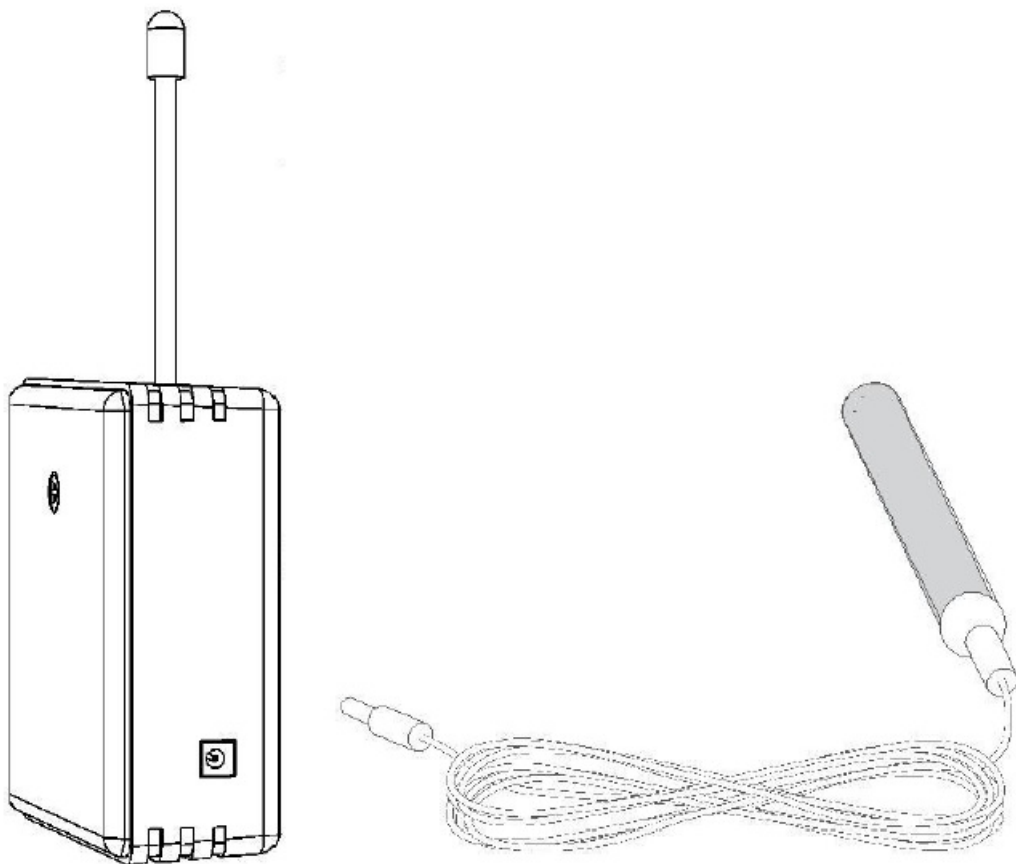
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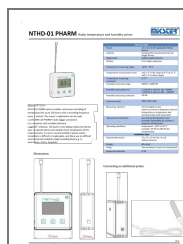
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NTHD-01 PHARM Radio Temperature and Humidity Sensor, NTHD-01 PHARM, Radio Temperature and Humidity Sensor, Humidity Sensor

References

- ⊕ **Forpsi.com**