SMART TEMPERATURE AND HUMIDITY METER WITH EXTERNAL PROBES

Connected FlexSense

Connected FlexSense is a connected temperature and humidity metering device with external sensor cable(s). You can choose between temperature probe and temperature and humidity probe. The device has a long battery life of five years.

The device measures and sends the temperature and humidity measurements once in every 30 minutes. The interval can be configured remotely via the network. FlexSense uses worldwide Sigfox IoT-network for data transmission, enabling very low lifetime cost.

External temperature and humidity sensor cables can be freely installed for example in air duct or different building materials. Sensor cables can also be purchased separately and the central unit is re-usable.

Versatile, connected, maintenance free, ultra low cost, powerful, accurate - perfect solution for temperature and humidity measurements in demanding environments.

- Casing: IP44 Plastic for outdoor use
- Size: 122 x 112 x 34 mm
- Weight: 186 g
- Attachment: Screw/cable tie/adhesive tape
- Supports 2 external probes
- Battery: C 3,6V 9 000 mAh (replaceable)
- Battery lifetime: 5 years (with 30 mins sending interval)
- Device operation range: -40 °C ... 85 °C
- Probe 1* operation range: -40 °C ... 90 °C
- Probe 2** operation range: -55 °C ... 125 °C
- Probe 1 accuracy: ± 0.2 °C (0 ... 90°C), ± 2% RH
- Probe 2 accuracy: ± 0.5 °C (-10°C ... +85 °C)
- Measurement interval: Every 30 mins (configurable)
- Connectivity: Sigfox 868 MHz or 902...928 MHz
- Operating zones: Sigfox RCZ1, RCZ2, RCZ3 RCZ4 and RCZ7

*Probe version 1 has a temperature and humidity sensor
** Probe version 2 has a temperature sensor

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