

# Type of product LoRa Humidity Sensor.

## Product reference : L.H.S-RFT

**Use case :** The L.H.S RFT (LoRaHumidity Sensor - RFT) measure periodically the conductivity of any material.

This measurement is then sent to the LoRa Orange Platform.

The conductivity is then converted into relative humidity percentage by the Orange API, according to the material characteristics.

The sampling period can be downloaded by the API.

### Product characteristics :

- Dimensions : 85 x 55 x 28 mm
- weight : 80g
- Alimentation : Battery
- Autonomy : 5 years (upon selected configuration)
- Network interface : LoRaWan
- Range : LoRaWan compliant
- Compatibility : LoRaWan
- Operating temperature : 0 – 65 ° C
- Fixation : 2 screws on the material
- IP norm : IP55 (Upgradable IP65)
- Supplier Guarantee : 1 Year

### Functionalities :

Data collected : Material conductivity  
The data is sent to LoRaWan Orange Platform  
The data is not internally logged



### Certification :

- LoRa Orange network



Competitive advantages of the product : Stand Alone and automatic remote relative humidity sensor, years autonomy, customizable upon request

