# FEEL

2-in-1 room sensor

Scan or click to discover product in details

Nexelec

### Connected

Remote reading of measurements. All information is available in a secure cloud space

### Temperature / Humidity

For better indoor comfort. Measures ambient parameters in offices or homes

- Temperature
- Humidity

### Design

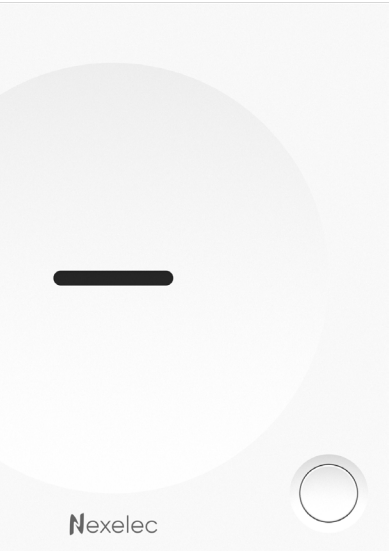
Facilitates product acceptance by occupants

### High-performance battery

Operates on replaceable lithium batteries. Up to 20 years[1] of autonomy

### Calibration certificate

Accuracy of temperature and humidity measurements validated by an accredited metrology laboratory




### Anti-tear detection

Triggers an alert message if the product is removed from its mounting base

### Easy to configure

Easy product adjustment via contactless NFC technology from a smartphone

### Instantaneous measurement

Easy to operate, thanks to a button on the front of the sensor. Useful for occupants or technicians (function can be deactivated)

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Nexelec

www.nexelec.eu

| Reference | Radio | Frequency |
|---|---|---|
| X580LS | LoRaWAN - Sigfox | EU868 MHz |
| X580LR | LoRaWAN | US915 MHz |
| X580LR_AU | LoRaWAN | AU915 MHz |
| X580LR_IN | LoRaWAN | IN865 MHz |

Net weight: 150 g (including battery)

## FUNCTIONS

**Anti-theft protection**
Lockable mounting base reduces risk of sensor removal

**Easy to install**
Free-standing on desk, wall or flush-mounted box. Adhesive mounting included

**270° Air**
Numerous side openings for better ambient air analysis

**Insect barrier**
Product-integrated pest screen

**Reliable data transmission**
Transmission modes adapted to every need, with redundant transmissions for high availability of critical data

**Enhanced cyber security**
Data transmitted by the product is secured from end to end using double AES128 encryption

## FEATURES

**Temperature**
Res.: 0.1°C
Prec.: ±0.2°C
Measuring range: -30°C - +70°C

**Humidity**
Res.: 0.5% R.H.
Prec.: ±2% R.H.
Measuring range: 0 - 100% R.H.

**Connectivity***
LoRaWAN sigfox

**Power supply**
2 battery slots

**Conditions of use**
Indoor environment
Temperature: -20°C to +50°C
Humidity: 0% RH to 99% RH (non-condensing)

**Mounting type**
Wall-mounted or free-standing

**Warranty**[2]
2 years

**Box content**
1 sensor
1 battery included (an additional battery can be added to double the product's autonomy)
1 mounting base
2 nylon screws and plugs
1 3M® adhesive fastener

**Certification***
UKCA CE FC

Mostly recyclable product

**Data transmission mode**
Periodic
Grouped data (datalog) with transmission redundancy

[1] Battery life is not guaranteed and may vary according to settings and product use. [2] Please refer to the information available on www.support.nexelec.fr *Available according to reference