

INSAFE+ PILOT

Temperature and Humidity Sensor
Indoor Air Quality Monitor



■ APPLICATIONS

- > Control of hygrothermal comfort and indoor air quality in residential premises and public places
- > Automatic control of HVAC system
- > Building energy optimization in residential, industrial and tertiary sectors

■ TECHNOLOGY

- > Measurement of temperature and humidity every 10 minutes
- > Algorithm analyses air quality in real time

■ SMART HOME / SMART BUILDING

- > A wide range of Smart Home / Smart Building compatible wireless protocols
- > Wireless sensor for easy and fast installation

■ BATTERY LIFE

- > Low maintenance: up to 15-year battery life for the product and wireless connection
- > 15-year return on investment - quicker ROI than most detectors on the market

■ DESIGN

- > Elegantly designed detector that blends in with any decor
- > Discreet and compact: INSAFE+ Pilot is only 3 cm thick



Long-life battery

INSAFE+ PILOT

Temperature and Humidity Sensor Indoor Air Quality Monitor

■ BASIC FEATURES

- > Measurement of temperature and humidity every 10 minutes
- > Sending of data at each significant change

■ ADVANCED FEATURES

- > Hygrothermal comfort indicator
- > Air quality indicator
- > Functional self-test (every 10 min.)
- > Residual battery life
- > Permanent "keep alive" status
- > Recommendations and user actions to improve comfort and indoor air quality

■ CHARACTERISTICS

Sensors and measurements

- > Temperature. Resolution: 0.2°C
- > Humidity. Resolution: 1% RH

Power supply

- > Integrated and sealed lithium batteries

Battery life

- > Up to 15 years according to wireless protocol and environment

Dimensions: L 105 mm x W 105 mm x H 30 mm

Net weight: 200 g (including battery and base)

Conditions of use

- > Indoor household environment
- > Temperature: 0°C to + 50°C
- > Relative humidity: 0% RH to 100% RH

Type of mounting

Wall-mounted, or standalone using removable base (not included)

Wireless protocol

- > EnOcean
 - > Zigbee
 - > Bluetooth Low Energy
 - > Z-Wave
 - > Sigfox
 - > Lora
- Other wireless protocols studied on request

Connection

- > Product data directed to dedicated IoT platforms

■ ARTICLE REFERENCE

INSAFE+ Pilot

■ CONTENT OF THE BOX

- > 1 INSAFE+ Pilot device
- > 1 wall-mount bracket
- > 1 standalone installation bracket
- > 2 screws and nylon wall plugs
- > 1 instruction manual

■ CERTIFICATION

CE Certificate

■ WARRANTY

2 years

