DATA SHEET

Code: ATPH-200-BR

TEMPERATURE, HUMIDITY AND PRESSURE WIRELESS SENSOR **ATPH-200-BR** BE WAVE SATEL

The ATPH-200-BR sensor is used to measure temperature, relative humidity and air pressure in rooms.

The ATPH-200-BR supports the other devices copmpatible with wireless BE WAVE system. The device communicates wirelessly with the system controller using ABAX2 technology.

The **BE WAVE** System is a family of unique wireless devices, bringing smart solutions to your home, performing home automation functions, protection against intruders, analysis of sensor readings and detection and response to events.

Support:	BE WAVE system
Measurement:	• Temperature, • relative humidity, • air pressure
Measurement range:	• Temperature : -10 °C ... 55 °C ± 0.2 °C, • relative humidity : 0 % ... 100 % ± 1.5 %, • air pressure : 260 hPa ... 1260 hPa ± 0.1 hPa
Measurement resolution:	• Temperature : 0.1 °C • relative humidity : 0.1 % • air pressure : 0.1 hPa
Frequency band:	868.0 MHz ... 868.6 MHz (ABAX2)
Radio communication range (at open area):	< 600 m
Tamper contact:	✔
Mobile phones support:	Cooperation with the controllers of the Smart-Hub series : • The BE WAVE free application on Android • The BE WAVE free application on iOS

Main features:	• Bidirectional communication • AES-128 data encryption • Frequency hopping against jamming for reliable transmission • Remote configuration • Remote update of software • Operation status LED indicator • Monitoring of the sensor • battery diagnostics • Low battery level alarm • Tamper protection (detection of removing from mounting surface and enclosure opening)
Housing:	Plastic
Color:	Brown
Environmental class EN 50130-5:	II
Power supply:	1 x CR123A 3 V (included)
Current consumption:	48 µA (Standby mode)
Backup time:	~ 5 years
Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	93 % ± 3 %
Weight:	0.04 kg
Dimensions:	20 x 102 x 23 mm
Manufacturer / Brand:	SATEL
Guarantee:	2 years