

Code: ATPH-200

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



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

The ATPH-200 supports the other devices compatible 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:	<ul style="list-style-type: none"> <li>• Temperature,</li> <li>• relative humidity,</li> <li>• air pressure</li> </ul>
Measurement range:	<ul style="list-style-type: none"> <li>• Temperature : -10 °C ... 55 °C ± 0.2 °C,</li> <li>• relative humidity : 0 % ... 100 % ± 1.5 %,</li> <li>• air pressure : 260 hPa ... 1260 hPa ± 0.1 hPa</li> </ul>
Measurement resolution:	<ul style="list-style-type: none"> <li>• Temperature : 0.1 °C</li> <li>• relative humidity : 0.1 %</li> <li>• air pressure : 0.1 hPa</li> </ul>
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 : <ul style="list-style-type: none"> <li>• The <a href="#">BE WAVE</a> free application on Android</li> <li>• The <a href="#">BE WAVE</a> free application on iOS</li> </ul>

Main features:	<ul style="list-style-type: none"><li>• Bidirectional communication</li><li>• AES-128 data encryption</li><li>• Frequency hopping against jamming for reliable transmission</li><li>• Remote configuration</li><li>• Remote update of software</li><li>• Operation status LED indicator</li><li>• Monitoring of the sensor</li><li>• battery diagnostics</li><li>• Low battery level alarm</li><li>• Tamper protection (detection of removing from mounting surface and enclosure opening)</li></ul>
Housing:	Plastic
Color:	White
Environmental class EN 50130-5:	II
Power supply:	1 x CR123A 3 V (included)
Current consumption:	48 $\mu$ A (Standby mode)
Backup time:	~ 5 years
Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	93 % $\pm$ 3 %
Weight:	0.04 kg
Dimensions:	20 x 102 x 23 mm
Manufacturer / Brand:	SATEL
Guarantee:	2 years