

TPH-2

The **TPH-2** sensor measures temperature, pressure and humidity. The sensor can be connected via **SATEL BUS** (RS-485) to the SATEL control panel that supports bus devices.

- temperature sensor:
 - measuring range: $-10^{\circ}\text{C}...+55^{\circ}\text{C}$
 - measurement accuracy: $\pm 0.2^{\circ}\text{C}$
- barometric pressure sensor:
 - measuring range: 260...1260 hPa
 - measurement accuracy: ± 1 hPa
- humidity sensor:
 - measuring range: 0% RH...93% RH
 - measurement accuracy: $\pm 1.5\%$ RH
- SATEL BUS – RS-485 communication bus
- firmware update via the SATEL BUS
- LED indicator
- sensors supervision
- powered by 12 V DC



Supply voltage	12 V DC
Operating temperature range	$-10^{\circ}\text{C}...+55^{\circ}\text{C}$
Max. current consumption	5 mA
Weight	25 g
Maximum humidity	93 \pm 3%
Environmental class according to EN50130-5	II
Temperature measurement accuracy	$\pm 0.2^{\circ}\text{C}$
Temperature measurement range	$-10^{\circ}\text{C}...+55^{\circ}\text{C}$
Pressure measurement range	260...1260 hPa
Pressure measurement accuracy	± 1 hPa
Pressure measurement resolution	0,1 hPa
Humidity measurement range	0%RH...93%RH
Humidity measurement accuracy	$\pm 1.5\%$ RH
Humidity measurement resolution	0,1%RH
Temperature measurement resolution	0,1 $^{\circ}\text{C}$