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°C...+55°C
  - measurement accuracy: ±0.2°C
- barometric pressure sensor:
  - measuring range: 260...1260 hPa
  - measurement accuracy: ±0.1 hPa
- humidity sensor:
  - measuring range: 0% RH...93% RH
  - measurement accuracy: ±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°C...+55°C
Max. current consumption	5 mA
Weight	25 g
Maximum humidity	93±3%
Environmental class according to EN50130-5	II
Temperature measurement accuracy	±0,2°C
Temperature measurement range	-10°C...+55°C
Pressure measurement range	260...1260 hPa
Pressure measurement accuracy	±0,1 hPa
Pressure measurement resolution	0,1 hPa
Humidity measurement range	0%RH...93%RH
Humidity measurement accuracy	±1,5%RH
Humidity measurement resolution	0,1%RH
Temperature measurement resolution	0,1°C

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