THB.PC Ambient Conditions Module

release date 14-11-2017

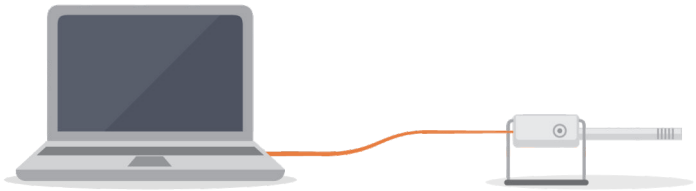
THB.PC module is a measuring device cooperating with PC. **THB.PC** module enables measurement of ambient conditions parameters (temperature, humidity and atmospheric pressure) at the workstation. It is connected directly to the computer port via RS 232 interface. In order to connect the THB.PC module to the mains, external power supply that comes standard with the module is required. The power supply has been integrated with RS 232 cable.
Ambient conditions values are displayed directly on the computer screen in a dedicated program: THB-R Single.
On the basis of transferred indications, the THB-R Single program determines air density. The determined air density is displayed on the screen too.

You can purchase THB.PC module with a calibration certificate.

Set components:

- ✓ THB.PC module
- ✓ RS232 communication cable with power supply
- ✓ THB-R-Single Software

TH-W2 liquid temperature sensor available on purchase order.



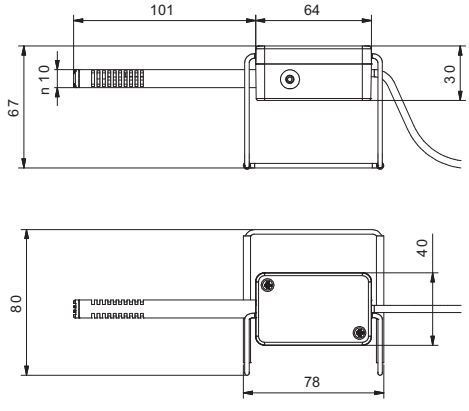
PC THB.PC

Technical Specification:

	THB.PC
Intended use	PC
Communication	RS 232
Measured temperature range	+5 ÷ +45°C
Temperature readability	0,01°C
Temperature measurement accuracy	+/- 0,1°C
Measured pressure range	850 ÷ 1050 hPa
Pressure readability	0,1 hPa
Pressure measurement accuracy	+/- 2hPa
Measured humidity range	0 ÷ 100%
Humidity readability	0,1%
Humidity measurement accuracy	+/- 2% *
Operating temperature	+5 ÷ +45°C
Housing	plastic
Power supply	12 VDC (external power supply)
Communication interfaces	DB 9
Software	THB-R-Single PC Software
Net weight	0,75 kg

* accuracy of 5% from 0% to 10% and from 90% to 100%

Dimensions:



RADWAG BALANCES AND SCALES
ADVANCED WEIGHING TECHNOLOGIES

26-600 Radom • 28 Bracka Street • POLAND • Phone: +48 48 3848800 • Fax: +48 48 3850010
www.radwag.com • e-mail:export@radwag.com