



## Application note

# MET-THB-HS

Version: 20200224

Status: Final

Confidentiality: Not confidential

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Author: Ludovic Grosjean

## Document history

The Observator range is in continuous development and so specifications may be subject to change without prior notice. When in doubt about the accuracy of this document, contact the Observator Group.

### Reference documents

Type of document / tool	Product type and name (incl. url)
Application note	<a href="#">MET-THB-HS</a>

### Revision history

Date	Amendments	Company, position
2018-08-10	Initial document creation	Observator Australia, Document Controller
2019-03-11	Update instrument pictures	Observator Australia, Document Controller
2019-05-15	Update product name	Observator Australia, Document Controller
2019-07-12	Quality review	Observator Australia, Operation Manager
2020-01-30	Updated document format	Observator Australia, Document Controller

### Procedure sign-off:

Date	Company, position	Status
2018-08-15	Observator Australia, Document Controller	Finished
2019-12-06	Observator Australia, Managing Director	Approved
2020-02-24	Observator Group, Communication Officer	Approved

### Distribution list

Date	Company, position
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## 1 Firmware updating procedure

This document is an application note for MET-THB-HS sensors. This application note explains how to install, calibrate and configure the MET-THB-HS sensors.

### 1.1 Connect to configuration mode

1. Connect sensor's RS422 connections to your Personal Computer (PC) via RS422 to Universal Serial Bus (USB) convertor. Then provide 8V to 24V Director Direct Current (DC) to the sensor power.

Pin	Cable colour	Signal
A	Yellow	RS422 (RX-)
B	Green	Ground (GND)
C	Brown	Volt VAR Control (VCC) 8V to 24V DC
D	Grey	RS422 (RX+)
E	Blue	RS422 (TX-)
F	Pink	RS422 (TX+)

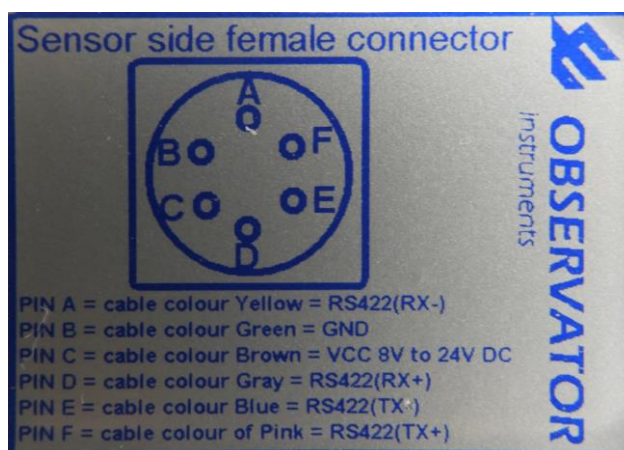


Figure 1.A: Sensor pin out configuration

- Open the serial terminal to 9600, 8, N, 1 and reset the power supply.

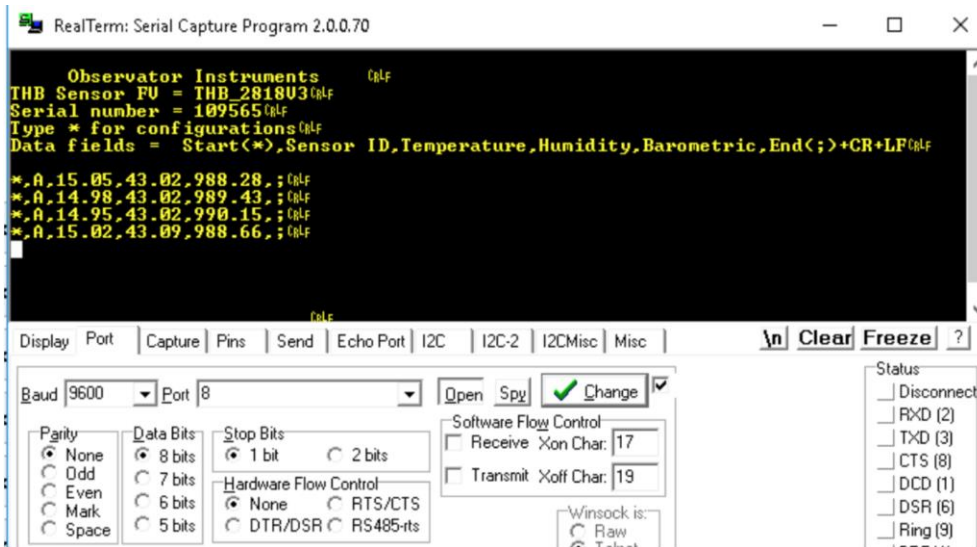


Figure 1.B: Open serial terminal & reset the power supply

Note: The start message and data fields appear, then followed by the measurement data.

- To obtain the configuration menu, press and hold the “\*” until terminal displays the configuration menu.



Figure 1.C: Open the serial terminal configuration

Note: Notice the sensor calibrations and configuration options.

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