
















## TM-RS485 (PT1000) | TEMPERATURE

### SENSOR WIRING TABLE

Sensor Model	Sensor Pin Manufacturer Colors			Orbit 360		
				Section	Terminal	Type
		Orange	Data -	RS485	  	B1, B2, B3
		Brown	Data +	RS485	  	A1, A2, A3
		Red	Vcc (+)	RS485	 	(+)*
		Black	Vcc (-)	RS485	 	-

**Note:** This sensor has to be preconfigured before it is configured in Atlas software.

(+)\* = Bat+ with current limited (200mA). Only 1 sensor must be powered per terminal.

### RS485 DIGITAL OUTPUT:

Parameter	Sensor settings
Baudrate	9600
Data bits	8
Parity	None
Stop bits	1

### REQUIRED DATA LOGGER VERSION

Minimum data logger required: **ORBIT 360 PREMIUM**.

Minimum **firmware** required: **2.11**.

### HOW TO CONFIGURE IN ATLAS

Start Atlas and open the data logger you are working on. Now go to *Site settings* and scroll down to the *Channels* section and select the following type and model. The variables from the digital output signal can be chosen (or assigned) to either a frequency or an analog channel according to the list here below.

#### Example:

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: Tm-Rs-485-Mb >>> Name: TM485\_SERIAL1\_A

- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **TM485\_SERIAL1\_A**
  - Sensor Model: **Temperature**

**Important!** Please make sure you are working with the latest version of Atlas. To check for new updates click the *Check for updates* button in the left-hand menu located in the main dashboard.

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