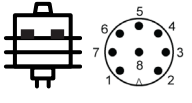


SENSOR WIRING TABLE



Sensor Model	Sensor Pin		Manufacturer Colors		Orbit 360		
					Section	Terminal	Type
	3	Data GND		Green	RS485	35 39	(-)
	2	Us (+)		Brown	RS485	36 40	(+)*
	8	GND		Red	RS485	35 39	(-)
	5	Data (+)		Grey	RS485	33 37 41	A
	7	Data (-)		Blue	RS485	34 38 42	B
		Shield		Yellow-Green	Power Input		

Base sensor view / Soldering connector view.

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.

REQUIRED DATA LOGGER VERSION

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

Minimum **firmware** required: **2.41.**

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 on the Orbit 360 Premium according to the list here below.

Example:

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: Vaisala WXT536 >>> Name: WXT536_SERIAL1_A

- Group: Frequency channels
- Sensor Type: Serial device
- Sensor Model: **WXT536_SERIAL1_A**
 - Sensor Model: **Horizontal Speed**
- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **WXT536_SERIAL1_A**
 - Sensor Model: **Wind Vane**
 - Sensor Model: **Pressure**
 - Sensor Model: **Humidity**
 - Sensor Model: **Temperature**
 - Sensor Model: **Precipitation**

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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