

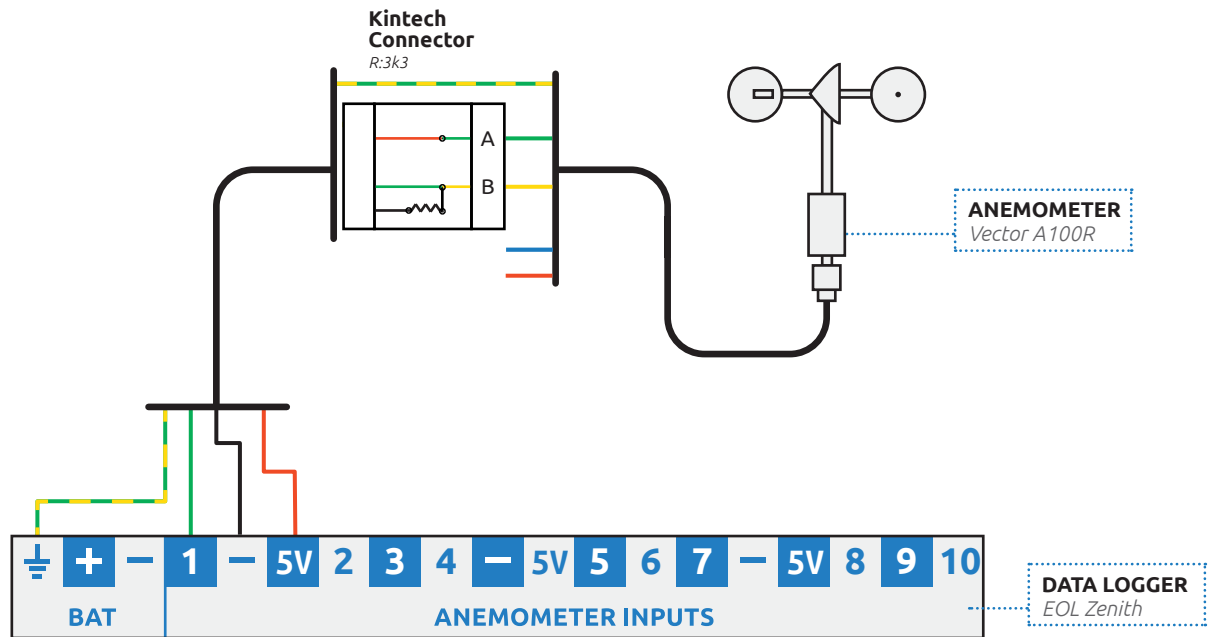
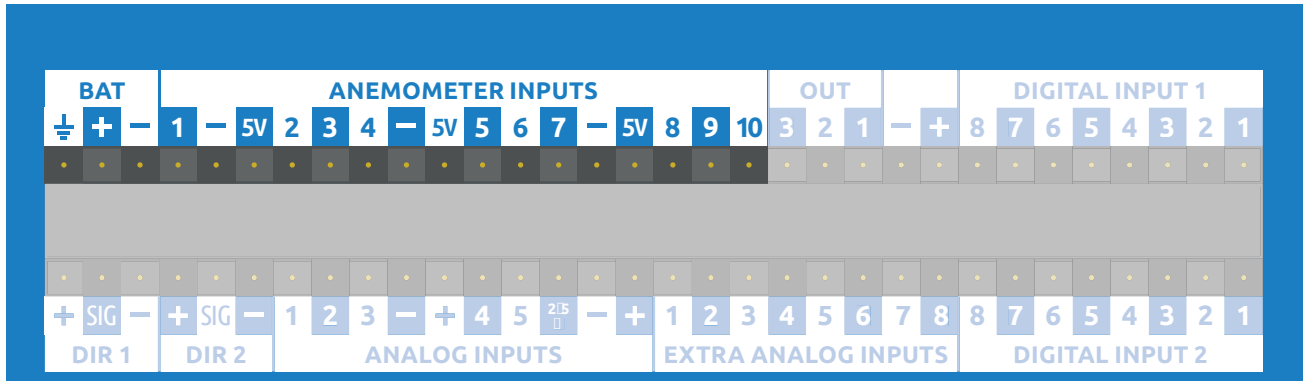
ANEMOMETER

VECTOR A100R

INSTRUCTIONS

Use the following input channels on the logger to connect this sensor. See highlighted input channels marked here below. The wire colors used in the connection diagram below only applies in case the cable is supplied by Kintech Engineering.

For additional wiring & shielding information see the chapter "IMPORTANT" at the end of this dataheet.



SENSOR PIN DESCRIPTION		KINTECH CONNECTOR		DATA LOGGER INPUT CHANNEL	
● Green	Terminal 1	A	Supply	Anemometer Inputs	5V
● Yellow	Terminal 2	B	Signal	Anemometer Inputs	1
● Blue	Do not connect!		Reference	Anemometer Inputs	(-)
● Red	Do not connect!				
-	Shield			BAT	

KINTECH COLOR CODES	
● Red	Red
● Green	Green
● Black	Black
● Yellow - Green	Yellow - Green

ANEMOMETER | VECTOR A100R

HOW TO CONFIGURE THIS SENSOR IN EOL MANAGER

Open EOL Manager and go to the data logger you are working on. Open the “inputs” tab and select the following type and model:

- Section: Anemometers/Frequency
- Type: Anemometer
- Model: VECTOR A100L2/LK

Calibration values: Tick the “Std Cal” to use this sensors standard slope and offset. If you have the Measnet calibration certificate for this sensor insert the slope and offset values from this certificate.

Anemometers/Frequency

Ignore	Channel	Type	Model	Units	Serial Number	Height	Boom	Username	Std Cal	Slope	Offset	Std Dev	Max	Min
<input type="checkbox"/>	ANE1	Anemometer	VECTOR A100R/A...	m/s		0	0	WS1_0_0_VECT...	<input checked="" type="checkbox"/>	1.250000	0.000000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	ANE2	Anemometer	-----	m/s		0	0	Anemo2	<input type="checkbox"/>	0.000000	0.000000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	ANE3	Anemometer	-----	m/s		0	0	Anemo3	<input type="checkbox"/>	0.000000	0.000000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Diagram labels pointing to the table:

- SENSOR SELECTION (points to Type column)
- MODEL SELECTION (points to Model column)
- DATASHEET DOWNLOAD (points to Units column)
- STANDARD CALIBRATION (points to Std Cal column)

IMPORTANT

- After configuring the sensor in EOL Manager make sure to upload the configuration file to your EOL Zenith data logger. See the “Quick User Guide” how to upload configuration files to the data logger.
- All sensor wire shields must be connected to the data logger GND terminal.
- The data logger should always be connected to a separated ground rod. **Not** to the lightning rod of the tower.
- The three 5V power supply outputs are completely independent and not associated to any of the signal inputs. The three 5V outputs can therefore be distributed according to needs.
- To store data such as Std Dev, Max and Min you should tick the corresponding boxes next to each anemometer channel when setting up your site file. Otherwise these parameters will not be stored.
- Cable recommendation (up to 150 m cable):

Sensor no heating	Signal cable 2x0.5 mm ²
-------------------	------------------------------------

Last modified: 20.06.2017