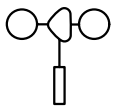
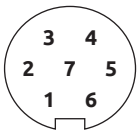
kintech engineering

WARNING

The following is a series of wiring diagrams for several different sensors. Please locate the sensor you are going to use in the list below and follow the corresponding wiring diagram and setup in either Atlas or EOL Manager.

For more information please contact **support@kintech-engineering.com**
or visit our website **www.kintech-engineering.com**

SENSOR WIRING TABLE

Sensor Model	Sensor Pin & Manufacturer Cable Colors				Kintech Cable Colors		Orbit 360			EOL Zenith	
							Section	Terminal	Type	Section	Terminal
  4.3519.x0.x00 4.3519.40.x00	3	Signal	●	Green	○	White	Frequency Channels	2 5 8 11 14 17 20 23 26 29	Signal	Anemometer Inputs	1 2 3 4 5 6 7 8 9 10
	2	Ref.	●	Brown	●	Brown	Frequency Channels	1 4 7 10 13 16 19 22 25 28	(-)	Anemometer Inputs	– –
	1	Us (+)	○	White	●	Green	Frequency Channels	3 6 9 12 15 18 21 24 27 30	5V	Anemometer Inputs	5V 5V
	6	Do not connect									
	7	Do not connect									
	Shield		◐	Yellow Green	◐	Yellow Green	Power Input	⏚		BAT	⏚
	4	Heat (+)	●	Yellow	●	Brown	Independent power supply 24 AC/DC				
	5	Heat (-)	●	Grey	●	Blue					

Note 1: Base sensor view / Soldering connector view.

HOW TO CONFIGURE IN ATLAS

Open Atlas and go to the data logger you are working on. Scroll to the “channels” section and select the following type and model:

- Group: Frequency channels
- Sensor Type: Frequency
- Sensor Model: **HERTZ**

  Slope: 0.07881

  Offset: 0.32

HOW TO CONFIGURE IN EOL MANAGER

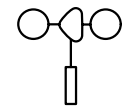
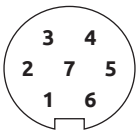
Open EOL Manager and go to the data logger you are working on. Open the “inputs” tab and select the following type and model:

- Group: Anemometers/Frequency
- Type: Frequency
- Model: **HERTZ**

  Slope: 0.07881

  Offset: 0.32

SENSOR WIRING TABLE

Sensor Model	Sensor Pin & Manufacturer Cable Colors				Kintech Cable Colors		Orbit 360			EOL Zenith	
							Section	Terminal	Type	Section	Terminal
  4.3518.x0.700	1	Ref.	○	White	●	Brown	Frequency Channels	1 4 7 10 13 16 19 22 25 28	(-)	Anemometer Inputs	– –
	2	Signal	●	Brown	○	White	Frequency Channels	2 5 8 11 14 17 20 23 26 29	Signal	Anemometer Inputs	1 2 3 4 5 6 7 8 9 10
						R: 4k7	Frequency Channels	3 6 9 12 15 18 21 24 27 30	5V	Anemometer Inputs	5V 5V
	3	Us(+)	●	Green	●	Green	Power Input	+		BAT	+
	6	Do not connect									
	7	Do not connect									
	Shield		◐	Yellow Green	◐	Yellow Green	Power Input	⏚		BAT	⏚
	4	Heat (+)	●	Yellow	●	Brown	Independent power supply 24 AC/DC				
	5	Heat (-)	●	Grey	●	Blue					

Note 1: Base sensor view / Soldering connector view.

HOW TO CONFIGURE IN ATLAS

Open Atlas and go to the data logger you are working on. Scroll to the “channels” section and select the following type and model:

- Group: Frequency channels
- Sensor Type: Frequency
- Sensor Model: **HERTZ**

  Slope: 0.08361

  Offset: 0.4441

HOW TO CONFIGURE 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:

- Group: Anemometers/Frequency
- Type: Frequency
- Model: **HERTZ**

  Slope: 0.08361

  Offset: 0.4441

Last modified: 03.06.2020