



SENSOR WIRING TABLE

Sensor Model	Manufacturer Cable Colors		Kintech AMPVAR* Kintech Colors				Orbit 360			EOL Zenith	
							Section	Terminal	Type	Section	Type
 MS80 mV output	○	White	A	K	●	Brown	Analog Channels	47 51 55 59 64 68 72 76 80 87	(-)	Analog Inputs	[- -]
	●	Brown	B	L	○	White	Analog Channels	48 52 56 60 65 69 73 77 81 84 85 86 90 91 92	Signal	Analog Inputs	[1 2 3 4 5]
			H		●	Green	Power Input		+	Extra Analog	[1 2 3 4 5 6 7 8]
			G			Do not connect				BAT	[+]

Sensor Model	Sensor Pin Manufacturer Colors			Kintech Connector R: 249Ω (1%)				Orbit 360			EOL Zenith	
								Section	Terminal	Type	Section	Type
 MS80A mA output					●	Black	Analog Channels	47 51 55 59 64 68 72 76 80 87	(-)	Analog Inputs	[- -]	
	○	White	Signal (-)	B	●	Green	Analog Channels	48 52 56 60 65 69 73 77 81 84 85 86 90 91 92	Signal	Analog Inputs	[1 2 3 4 5]	
	●	Brown	Signal (+)	A	●	Red	Power Input		+	Extra Analog	[1 2 3 4 5 6 7 8]	
										BAT	[+]	

Note: *AMPVAR amplifier is provided by Kintech Engineering.

Consult to the Solar department (solar@kintech-engineering.com) for its configuration and Slope and Offset.

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: Analog channels
- Sensor Type: Radiation
- Sensor Model: **THERMOPILE**
MS80A
- Slope: 401,6064
- Offset: -400

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: Analog Inputs
- Type: Radiation
- Model: **Thermopile**
MS80A
- Slope: 401,6064
- Offset: -400

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