

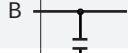










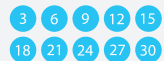






# YOUNG 52203 | REED SWITCH PRECIPITATION GAUGE

## CABLE RECOMMENDATION

Signal cable up to 150m: **2x0.5 mm<sup>2</sup> + shield**. For longer cable, please consult sensor manufacturer.

## SENSOR WIRING TABLE

Sensor Model	Kintech Cable Colors			Kintech Connector R: 4k7, C: 100nF			Orbit 360			EOL Zenith		
							Section	Terminal	Type	Section	Terminal	
		Brown	Ref	B			Black	Frequency Channels		(-)	Anemometer Inputs	
		White	Signal	A			Green	Frequency Channels		Signal	Anemometer Inputs	
							Red	Frequency Channels		5V	Anemometer Inputs	
		Yellow-Green						Power Input			BAT	

## REQUIRED DATA LOGGER VERSION

Minimum data logger required: **ORBIT 360 BASIC PLUS**.

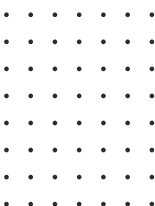
Minimum **firmware** required: **any**.

## 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:

- Group: Frequency channels
- Sensor Type: Pluviometer
- Sensor Model: **Pluviometer 0.1mm**

**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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## HOW TO CONFIGURE THIS SENSOR ON SITE

We recommend performing the entire sensor configuration using Atlas at the office before installing sensors onsite. Once the sensor is correctly setup in Atlas, use the Upload settings tool, to upload the sensor configuration to the data logger.

In case you are already on site and need to configure the sensor directly on the data logger, follow these steps:

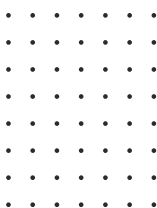
1. Turn on the data logger.
2. Using the keypad on the data logger, navigate the menu until you see Sensor model, then click the “right arrow” on the keypad.
3. Now scroll down to the channel you are going to connect the sensor to, and click the “right arrow” on the keypad.
4. Now click “Set” on the keypad and scroll up in the menu to set the sensor model type according to the table here below. Once you have found the correct sensor model, click the “right arrow” key twice to select it and save.
5. Click the “left arrow” several times to go back to the main menu.

Data logger model	Firmware version	Sensor model type on data logger		
		Magnitude	Number	Name
ORBIT 360	any	Pluviometer	17	PLUVIOMET 0.1 mm
EOL ZENITH	any	Pluviometer	17	PLUVIOMET_0,1 mm

## HOW TO CONFIGURE IN EOL MANAGER

Open EOL Manager and go to Settings of the data logger you are working on. Open the Inputs tab and select the following type and model:

- Group: Anemometer/Frequency Inputs
- Sensor Type: Pluviometer
- Sensor Model: **Pluviometer 0.1mm**



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For more information please contact [web@kintech-engineering.com](mailto:web@kintech-engineering.com) or visit our website [www.kintech-engineering.com](http://www.kintech-engineering.com)