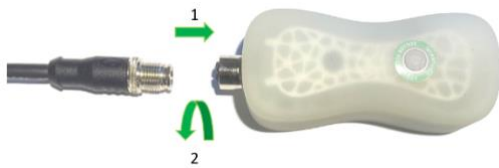
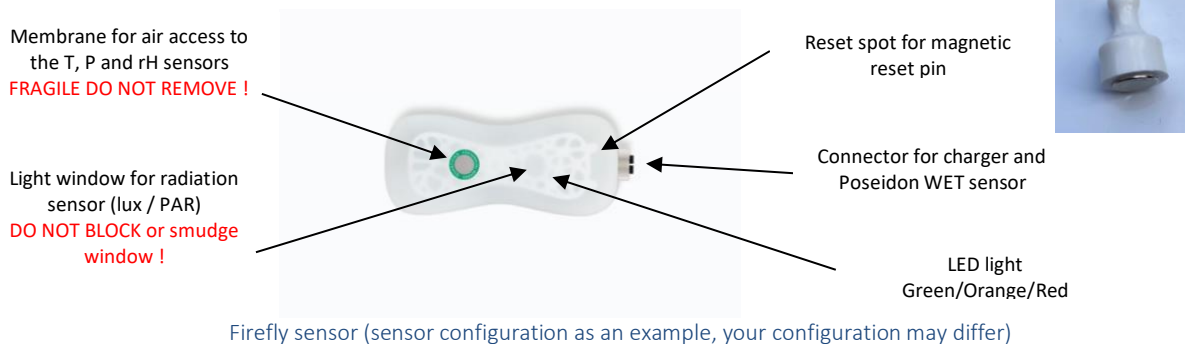


Outdoor installation guide for Poseidon WET sensor

Congratulations with your purchase, thank you for choosing Quantified!

1 Connect to the Firefly platform sensor



Connect Poseidon WET sensor to the Firefly

The Firefly sensor nodes are shipped in “safe mode” to preserve battery life and prevent transmission during airfreight. First charge the battery to 100%. Connect the Poseidon external WET sensor to the Firefly by using the connector and firmly screw the parts together (hand tight).

If your Firefly is equipped with GPS it is important that you place the Firefly on the exact location of installation facing upward without obstructions to the sky. Now reset by swiping the Quantified reset magnet over the indicated spot just above the connector and leave the Firefly untouched for 2 minutes. The GPS will now generate the location coordinates.

Check to see if the Firefly has generated a GPS position in your data platform (Insight). Alternatively, manually record the sensor number and location (generate coordinates with your smartphone) to record the coordinates in Insight by hand.

The LED-indicator will flash, once you see a single green LED-flash, Firefly is online!

2 Installing Poseidon WET Sensor

Installation of the Poseidon will take a little longer compared to other models, but the measurements will be more representative. For representative measurements it is also important that you compact the soil to the same degree of compaction as before installation, also make sure that the soil is level or slightly higher with the surrounding area (the soil will settle slightly over time). The installation must not affect the natural water flow (rain/irrigation) in the soil. When removing the sensors, DO NOT pull on the wires!

Insert the Firefly ground post into the ground so that it is just above the height of future mature leaf canopy.



Dig a hole +/- 30 cm wide, to the desired measuring depth



Insert the Poseidon pins firmly in the sidewall



Place the Firefly sensor on the stick



Gently bring back the soil and gently compress till the surface is even.