

Installing your FireFly sensor

Congratulations on your purchase, thank you for choosing Quantified! This is a short manual to get you started. Go to <https://www.quantified.eu> for manuals and the product catalogue with specifications.



IN THIS GUIDE

- 1 Installing the FireFly sensor
- 2 Connecting external sensors

⚠ **Install the Gateway first!**

1 Installing the FireFly sensor

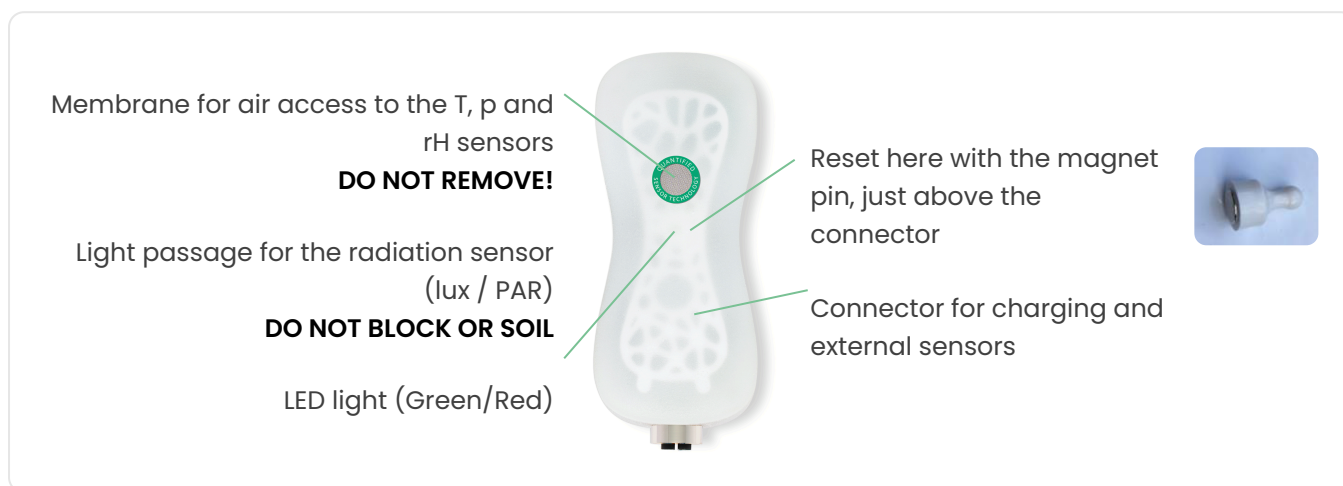


Figure 1. The FireFly sensor and its membrane, light passage, LED, reset spot and connector.

- 1 **Charge the battery to 100% before use.** The FireFly is shipped in “safe mode” to extend battery life and prevent transmission during air freight. The red indicator light on the charger disappears when the FireFly is fully charged.
- 2 **Reset with the magnet.** Swipe the Quantified reset magnet over the indicated spot just above the connector. The LED blinks red; after a short while it blinks green — the FireFly is online! From now on the LED blinks green with every measurement.
- 3 **Protect the connector.** Make sure the M12 connector is always covered with an external sensor or an end cap, to prevent corrosion and internal damage.

TIP

For temperature and relative humidity measurements under high-radiation conditions (sun or lamps), shield the FireFly with the Macro Chimney or Solar Chimney.

2 Connecting external sensors to the FireFly

- 1 Click the connector in place.** External sensors use the transmission module and power source of the FireFly. The connector fits in only one position – carefully rotate it until it clicks into place.
- 2 Tighten the chrome ring** (firmly, but by hand only) – this is important to keep any moisture out!
- 3 Activate with the magnet.** This reset also tares counters in sensors such as the scales, pluviometer and drain sensor.

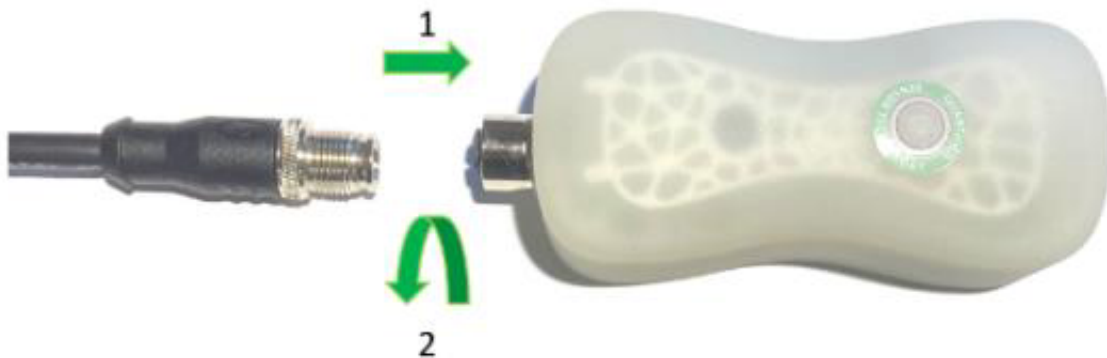


Figure 2. “Click!” – the connector fits in one position only.

Which FireFly do you have?

The colour of the sticker shows whether the FireFly is equipped with temperature (T), relative humidity (rH) and optionally barometric pressure (p) sensors.



Without T, rH or p

Green circle in the centre.



With T, rH or p

Grey circle in the centre.

Consult the relevant installation guide or manual for your external sensor on [our website](https://www.quantified.eu).