

Screenless Two-point Calibration

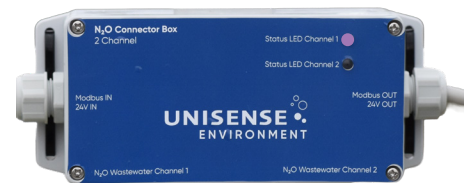
A Step-by-Step Calibration Guide

Perform a screenless calibration by following these instructions and the corresponding status LED on the N₂O Connector Unit.

Step 1 – Initiate calibration

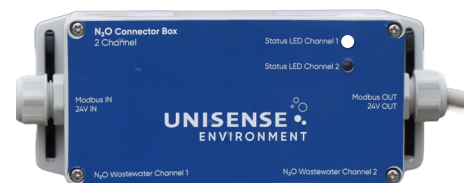
1. **Blinking blue:** The sensor is in measurement mode.
2. Hold the N₂O Wastewater Sensor vertically (sensor tip upward) for 10 seconds.
3. **Steady violet:** The calibration has started.

Note: Tilting the N₂O Wastewater Sensor up again for 10 seconds at any time cancels the calibration.



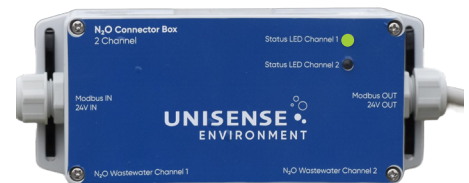
Step 2 – Zero Point

4. Place the N₂O Wastewater Sensor in tap water without N₂O in it.
5. **Blinking violet:** The sensor is measuring the concentration in the water to set the zero point. This may take a few minutes.
6. **Turning white:** The zero point has been set.



Step 3 – High Point

7. Place the N₂O Wastewater Sensor in a stable bucket with 4 liters of tap water. Add 5 ml of the calibration solution to achieve a **0.94 Nmg/L N₂O** concentration and stir for 10 seconds!
8. **Blinking white:** The sensor is measuring the concentration to find the High point value. This may take a few minutes.
9. **Steady green:** The High point conditions have been met.
10. The calibration is completed and you can now place the N₂O Wastewater Sensor in the wastewater tank. The LED will be blinking blue to confirm the sensor is in measurement mode.



Cancel calibration

You can cancel the calibration by:

- hold the N₂O Wastewater Sensor vertically (sensor tip upward) for 10 seconds.
- hanging the N₂O Wastewater Sensor vertically (tip down) for 30 min, e.g. placing it back into the wastewater.

In both cases, you will cancel the calibration, and the N₂O Wastewater Sensor returns to measurement mode (blinking blue).

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