## **Clear Water** Chemical Sensor Series SENSORS Precision submersible chemical sensors

## Nitrate sensor

Based on advanced lab-on-chip technology, this miniaturised microfluidic nitrate sensor performs lab-grade measurements in all liquid water environments. It can also be configured to measure just nitrite.



## Specifications

Temperature range: 0-35 °C Power consumption: 1.8 W 0-1000 µM Range: Limit of Detection: 0.025 µM

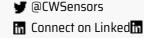
Sample volume: 0.6 mL Max depth: Comms: Total height:

6000 m USB/serial 56 cm

Applications: rivers/estuarine monitoring, aquaculture, ocean science, autonomous vehicles, wastewater monitoring



www.clearwatersensors.com







High performance - Sensitive wet-chemical analusis

High-resolution data - every 5 minutes (15 minutes when calibrated)

User friendly - Easily



No drift - Onboard calibration and standardisation



Environmentally friendly - Contained onboard waste storage



Deep sea - Deployable to 6000 m depth