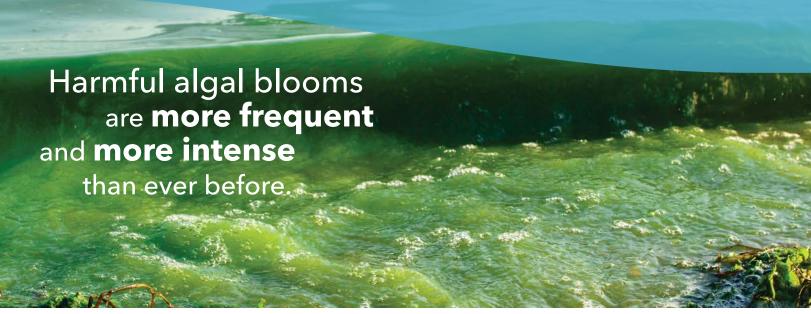
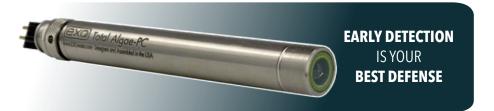
# **Total Algae Sensors**





HABs are now seen as a public threat, and water managers need reliable tools for monitoring.

YSI's **Total Algae Sensors** are the most sensitive tools available, helping you to monitor, mitigate, and manage the impacts of harmful algal blooms.



### Our dual-channel sensor can help you to:



Detect the onset of an algae bloom as early as possible to plan your response



Support a rational approach for the collection of samples for other laboratory analyses, saving you time and money



Understand the seasonal and weather-related patterns of algae growth in your system



Understand the relevance of other parameters like pH, dissolved oxygen, and temperature



#### Total Algae Sensor Specifications

Chlorophyll Range 0 to 100 RFU or 0 to 400  $\mu$ g/L chl (all sensors) Accuracy Linearity:  $r^2 \ge 0.999$  for Rhodamine WT across full range Resolution 0.01 RFU or 0.01 µg/L chl Phycocyanin 0 to 100 RFU or 0 to 100  $\mu$ g/L PC Range (TAL-PC sensors) Accuracy Linearity:  $r^2 \ge 0.999$  for Rhodamine WT across full range Resolution 0.01 RFU or 0.01 µg/L PC Phycoerythrin 0 to 100 RFU or 0 to 280  $\mu$ g/L PE Range (TAL-PE sensors) Linearity:  $r^2 \ge 0.999$  for Rhodamine WT across full range Accuracy Resolution  $0.01\,RFU$  or  $0.01\,\mu g/L\,PE$ 



# Additional Specifications

Operating Temperature -5 to 50°C Storage Temperature -20 to 80°C

Depth Rating 100 m (ProDSS), 250 m (EXO)

Warranty 2 years
Compatible With ProDSS, EXO

## Ordering Information (order items separately)

626210Total Algae-Phycocyanin (TAL-PC) for ProDSS626211Total Algae-Phycoerythrin (TAL-PE) for ProDSS599102-01Total Algae-Phycocyanin (TAL-PC) for EXO599103-01Total Algae-Phycoerythrin (TAL-PE) for EXO





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