

## O<sub>2</sub> sensor

Oxygen sensor for measurement of dissolved oxygen with integrated temperature sensor

**Article-No. 461 4000**



### Properties

- oxygen sensor working with galvanic cell, mounted in robust dipping enclosure
- measuring independent from oncoming flow
- calibration in air or in air saturated water
- long life cycle
- can be positioned directly into waterbodies
- cost-effective
- no defined approaching flow necessary

### Applications

- process control
- wastewater control
- drinking water monitoring
- aquaculture

Technical data O <sub>2</sub>	
Measuring principle	galvanic cell
Measuring range	0 ... 20 mg/l
Measuring accuracy	+/- 0,2 mg/l
Measuring resolution	0,1 mg/l
Measuring interval	≥ 1 s
Housing material	PVC
Temperature range	-4 °C...+50 °C
Weight	0,25 kg
Dimensions	length 130 mm; diameter: 50 mm

Technical data Temp.	
Measuring principle	NTC
Measuring range	-4 °C to +60 °C
Measuring accuracy	0,3 °C, absolute
Measuring resolution	0,1 °C
Measuring interval	≥ 5 s

Cleaning with a soft brush and water or ethanol, in no case with propanol!