

# Oxysens - Dissolved Oxygen Sensor

Do Measurement for Water and Waste Water

**First maintenance-free DO sensor in the market that does not require changing of any membrane or electrolyte.**

## Features

- In insensitive to soiling
- Flow-independent
- Built-in 22 kOhm NTC for temperature compensation
- Very short polarization and response times
- 5 m fixed cable, VP head only on request
- Maintenance free

## Applications

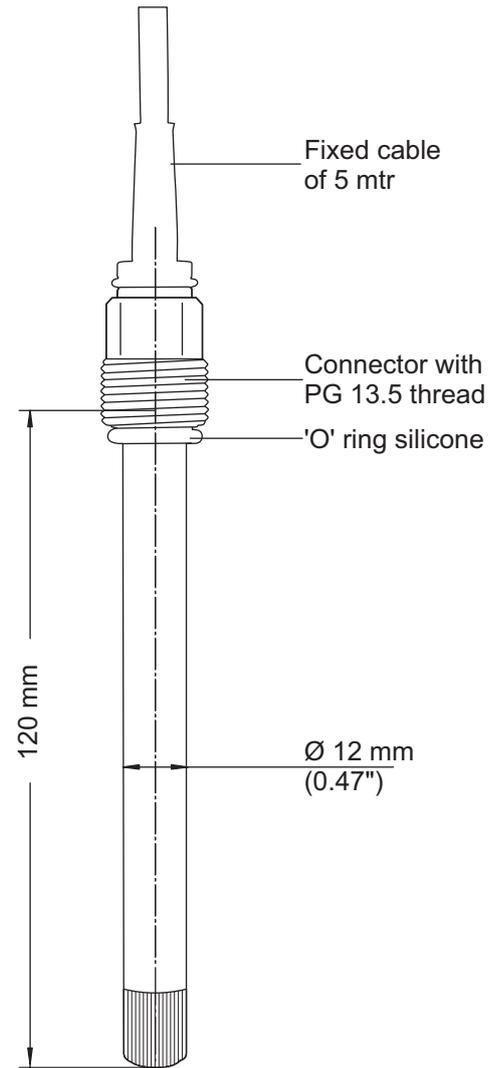
- Water
- Waste water
- Swimming pools
- Fish farms
- Composting facilities



## Technical Specifications

DO range	40 ppb to 40ppm
Temperature range	0 - 60°C
Pressure rating	Max 4 bar at 130°C
Polarization voltage	-670 +/-50mV
Output signal	40...80 nA in air at 25°C
Response time	60 Sec
Temperature sensor	NTC 22 kW
Sensor connection	PG 13.5 threads
Standard sealing	FDA-EPDM
Connection cable	Fixed co-axial cable
Shaft material	DIN 1.4435
Shaft diameter	12mm
Sensor length	120 mm

## Dimensional Details



## Ordering Information

### Sensor

Sr. No.	Description	Part No.
1.	DO Sensor Oxysens 120 with 5 M cable	HT237150
2.	DO Sensor Oxysens 120 with 10 M cable	HT238999 - 1792

### Accessories

Sr. No.	Description	Part No.
1.	Dip type holder in PP with 2 M length	DT4010-BDB



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