



**DE<sup>TM</sup> DYNAMIC**  
Process Equipment

Dissolved Oxygen Sensor  
AquaSense DO

## Dissolved Oxygen Sensor - Amperometric

### AquaSense DO



AquaSense DO is an amperometric sensor suitable for pure measuring tasks in wastewater & effluent measurements. This economic model is integrated to provide pre-amplified voltage signal.

#### Applications

- Industrial process
- Water / Waste water treatment
- Effluent treatment
- Aeration tanks

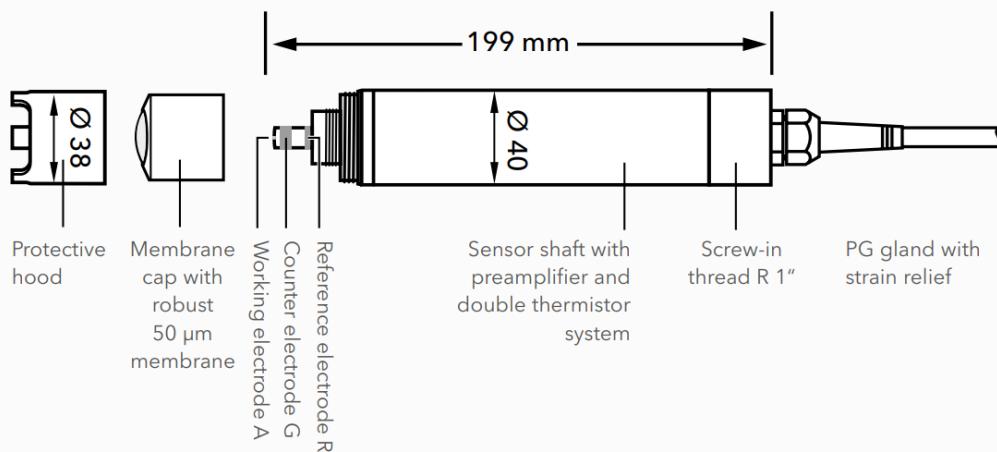
#### Features



## Specification:

### AquaSense DO : Amperometric Dissolved Oxygen Sensor

Application		Waste water, Effluent Treatment Processes
Type		Membrane style Amperometric Sensor with 3-Electrode System
Output		Pre-amplified Voltage Signal
O <sub>2</sub> Range	Concentration	0.0 to 60.0 mg/l
	Saturation	0 to 600%
Temperature Sensor		NTC
Process Range	Temperature	0 to 50 °C
	Pressure	10 Bar
Cathode Electrode		Gold
Anode Electrode		Silver
Response Time		t <sub>90</sub> : 180 s
Min Flow Rate		0.05 m/s
Cable Connector		Integrated 7M Cable
Dimensions	Diameter	40 mm
	Length	199 mm
Certification		CE, cUL, UL



### Accessories:

Spare Membrane and Electrolyte Kit



Also check out our range of **Retractable Housings** for Liquid Analytics...



**SmartDip 405M**

SmartDip 405M is a retractable electrode housing with pneumatically operated drive Unit. This metal body model can be implemented in harsh chemical applications through flan...



**SmartDip 220M**

SmartDip 220M is a compact retractable electrode housing with manual drive Unit. This metal body model can be implemented in different chemical applications including ferment...



**SmartDip 405P**

SmartDip 405P is a retractable electrode housing with pneumatically operated drive Unit. This plastic body model can be implemented in harsh chemical applications through flan...



**SmartDip 250M**

SmartDip 250M is a manually operated Retractable electrode housing with long immersion lengths and ball valve for isolation. It can fit 120mm long Sensor.



**SmartDip 420M**

SmartDip 420M is a compact retractable electrode housing with pneumatically operated drive Unit. This metal body model can be implemented in different chemical applicatio...



**SmartDip 240M**

SmartDip 240M is a compact retractable electrode housing. This version can fit 120mm long sensor. It comes with 1" NPT, Triclover connection.



**SmartDip 450M**

SmartDip 450M is a pneumatically operated retractable electrode housing with long immersion length and isolation ball valve. This unique model can fit 120mm long sensor.

