

Sensor for the measurement of dissolved oxygen in ultra pure water

Swansensor OXYTRACE G

Precise oxygen measuring cell with integrated temperature sensor and guard electrode for faster initial response time after maintenance.

Easy maintenance due to sensor cap with integrated membrane.

Easy calibration.

No exposed metallic surfaces, no corrosion in corrosive media.

High electric reliability. No integrated electronics.

Technical data:

Clark oxygen electrode

Cathode gold, anode silver, guard silver

Zero current-free electrode system

Robust 25 µm fluoropolymer diaphragm

Measuring range: 0-20 ppm O₂ (25 °C) or
0 - 200% saturation

Accuracy: 0,3 %
if calibration temperature = measuring temp.

1,5 %
at ± 10 °C deviation to cal. temperature

Precision: ± 1% of reading or ±0.15 ppb

Response time: $t_{90} < 30$ seconds
(rising concentration)

Minimal flow: 50 cm/s

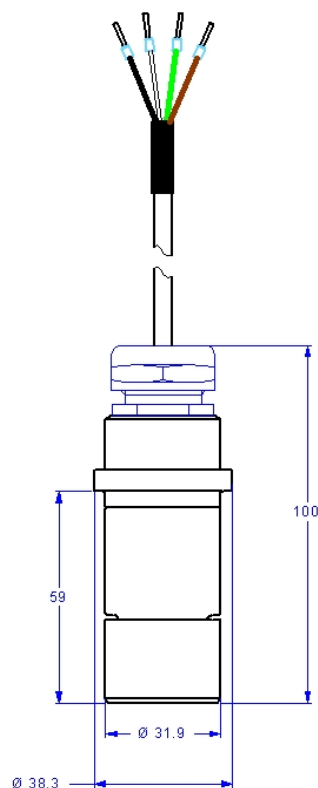
Pressure resistance: 3 bar

Operating temperature: max. 50 °C

Material: polyacetal copolymer

Protection: IP 68

Weight: 150 g



Delivery includes:

Sensor with cable (sleeves), pre-filled with electrolyte, protective cap, sensor adapter and a bottle with fresh electrolyte.

Order scheme		Swansensor Oxytrace G	A - 87 . 2 1 3 . 0	0
Cable length	1 m			1
	5 m			5
	10 m			6
	15 m			7

Spare part

A-87.290.050 Sensor cap with integrated membrane and a bottle with electrolyte