

Sensor for the measurement of dissolved oxygen in ultra pure water

Swansensor OXYTRACE SC

Precise oxygen measuring cell with integrated temperature sensor, fast response.

Automatic monitoring of diaphragm integrity and electrolyte exhaust.

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

Zero current-free electrode system

Robust 25 µm fluoropolymer diaphragm

Measuring range: 0 - 15,0 ppm O₂ (15 °C)
or 0 - 100% saturation

Accuracy:

0,3 % if calibration temperature = measuring temp.

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

Response time: $t_{90} < 15$ seconds
(rising concentration)

Minimal flow: 50 cm/s

Pressure resistance: 3 bar

Operating temperature: max. 50 °C

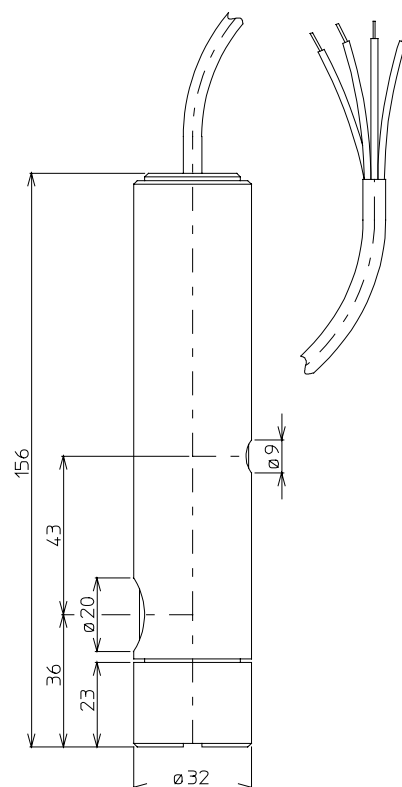
Material: polyacetal copolymer

Protection: IP 68

Weight: 350 g

Delivery includes:

Sensor with cable (sleeves), 2 diaphragms
and 50 ml electrolyte.



Order scheme	Swansensor Oxytrace SC	A-87.212.0		2
Cable length:	5 m		↑	5
	15 m			7