



Orbisphere A1100 Oxygen (O₂) EC sensor with stainless steel collar (100 bar)

Product #:

A1100-S0S

 **Hazardous**

OBsolete ITEM
This item is no longer available.

Items with this mark may be considered hazardous under some shipping conditions.

Suggested replacements:

- GA2400-S0S

If necessary, we will change your selected shipping method to accomodate these items.

Specifications

Accuracy:	±1% of reading, or ± lower measurement range, whichever is greater
Ambient Temperature:	-5 - 100 °C (23 - 212 °F) (due to electrolyte, but sensor will not be damaged up to 200°C / 392°F) (mechanical)
Certifications:	2004/108/EC - EN 61326-1
Flow Rate:	Recommended flow rate in flow chamber 2935A-A: 25 mL/min 2952A-A: 50 mL/min 2956A-A: 180 mL/min 29552A-A: 50 mL/min
Protection Class:	IP68
Range:	Range at 25 °C 2935A-A: 10 ppb - 400 ppm or 20 Pa - 1,000 kPa 2952A-A: 1 ppb - 80 ppm or 5 Pa - 200 kPa 2956A-A: 0.1 ppb - 20 ppm or 0.25 Pa - 50 kPa 29552A-A: 2 ppb - 80 ppm or 5 Pa - 200 kPa
Response Time:	2935A-A: 2.5 min 2952A-A: 38 s 2956A-A: 7.2 s 29552A-A: 90 s
Sample Pressure:	0 - 100
Temperature Range:	-5 - 60°C / 23 - 140 °F (without grille) (during

	measurement)
	-5 - 95°C / 23 - 203 °F (with a grille)
Warranty:	12 months
Weight:	0.3 kg
Wetted Materials:	Stainless Steel 1.4404 (AISI 316L), surface finish: N5, Ra < 0.4 µm
	Membrane (see specification table).
	No O-rings are in contact with the sample.
What's included?:	Sensor only.
	Controller, sensor cable, flow-chamber or process connection must be ordered separately.

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