



## Electrochemical O<sub>2</sub> Sensor, Stainless Steel, 50 bar, EPDM O-Ring

**Produktnr:** 31120S.01

SEK Pris: Kontakta oss

Skickas inom 2 veckor

### Orbisphere 311XX - the ultimate in O<sub>2</sub> sensors

O<sub>2</sub> sensor with head and body in stainless steel, EPDM o-ring. Pressure rating 50 bar, fast temperature compensation. The unique polarographic sensor design is a proven performer wherever knowledge of O<sub>2</sub> content is critical. From beverage quality control to corrosion monitoring in power generators, from package sampling to chemical manufacturing, this sensor provides fast, accurate oxygen measurements, in gaseous or liquid samples.

A wide range of temperature and pressure ranges is made possible by the exclusive valve seat sealing, whereby the sensor cathode is mechanically tensioned against a ceramic valve seat to ensure the integrity of the seal. This design enables a vanishingly small residual signal, for improved accuracy.

All these oxygen sensors use the deep-draw membrane mounting method for a uniformly thin layer of electrolyte for faster response and superior stability. Coupled with a screw-on protection cap, the sensor provides in-service intervals of up to a year.

**From trace levels to super saturation**

**Unrivalled detection limit of ±0.1 ppb or 100 ppt**

**Guard Ring Electrode design improves speed of response and reduces interferences**

**Installs in-line for process control, or in flow chamber for spot measurement**

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### Specifikationer

Certifieringar :	2004/108/EC - EN 61326-1
Flödeshastighet:	Recommended flow rate in flow chamber
	2935A: 20 mL/min
	2952A: 30 mL/min
	2956A: 180 mL/min
	29552A: 50 mL/min
Garanti :	24 månader
Material:	O-Ring: EPDM
Mätområde:	Range at 25 °C
	2935A: 10 ppb-400 ppm or 20 Pa-1,000 kPa
	2952A: 1 ppb-80 ppm or 5 Pa-200 kPa

	2956A: 0.1 ppb-20 ppm or 0.25 Pa-50 kPa
	29552A: 2 ppb-80 ppm or 5 Pa-200 kPa
Noggrannhet:	±1% of reading, or ± lower measurement range, whichever is greater
Omgivningstemperatur:	-5 - 100 °C (23 - 212 °F)
Parameter:	Oxygen
Prov: tryck:	0 - 50 bar
Responstid :	2935A: 2,5 min
	2952A: 38 s
	2956A: 7,2 s
	29552A: 90 s
Skyddsklass:	IP68 / NEMA4
Specialfunktioner:	Silver guard ring
Temperaturområde :	Temperature compensated range from -5 - 50 °C (23 - 122 °F)
Vad ingår i leveransen:	Sensor and manual.
	Controller, sensor cable, flow-chamber or process connection must be ordered separately.
Vikt :	0,6 kg

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## Vad finns i förpackningen

Sensor and manual.Controller, sensor cable, flow-chamber or process connection must be ordered separately.