



SE 340 Oxygen Sensor

Digital, Optical Oxygen Sensor for Mobile Measurements of Dissolved Oxygen

The SE 340 oxygen sensor is a digital, optical sensor for mobile measurements of dissolved oxygen. It is robust, waterproof (IP68), and, thanks to its quenching measuring principle, ready for use at all times. It features a fast response time and measurement performance independent of flow.

Facts and Features

- Immediately ready for use
- Flow-independent
- Low maintenance
- No electrolyte required
- Integrated monitoring of membrane status

Applications

Chemical applications, quality control, food and beverages

Specifications

Functional principle:	Sensor with optical measuring principle and digital data transfer
Partial pressure range:	0 ... 400 mbar at 25 °C / 77 °F
Saturation range:	0 ... 200 % at 25 °C / 77 °F
Concentration range:	0 ... 20 mg/l at 25 °C / 77 °F
Temperature range:	0 ... 50 °C/32 ... 122 °F
Temperature detector:	NTC 30 kOhm
Body material:	POM / stainless steel 1.4571
Body length:	125 mm / 4.92 inches
Body diameter:	15.3 mm / 0.60 inches
Membrane shape:	Beveled
Membrane material:	Silicone, PMMA
Connecting head material:	POM
Immersion depth:	Min. 60 mm / 2.36 inches
Connection:	M12, 8-pin
Cable:	Fixed cable (length: 1.5 m / 4.92 ft)

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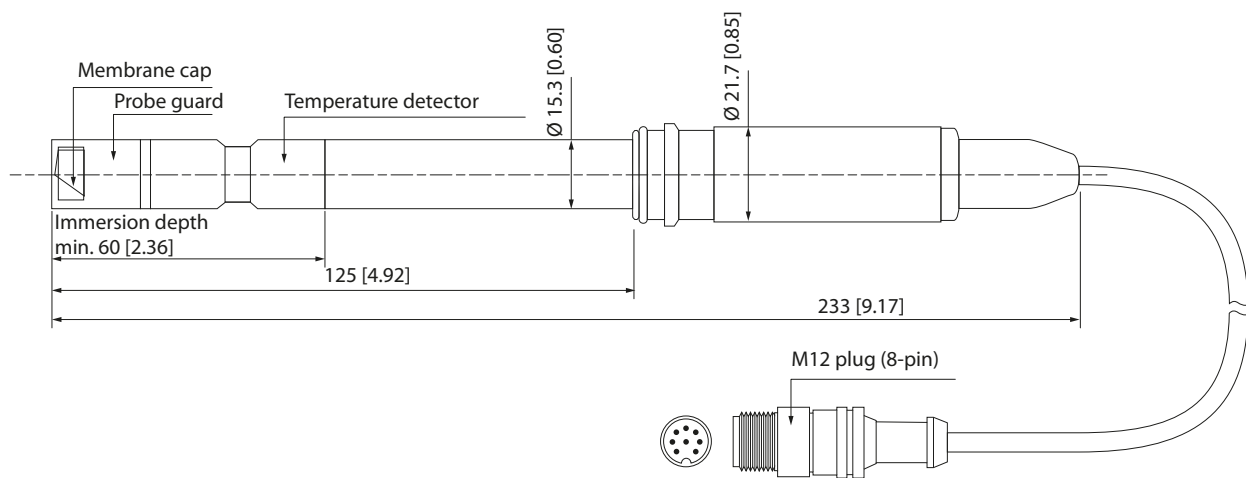
Product Line

Sensor	Length	Order No.
SE 340 Oxygen Sensor	125 mm	SE 340

Accessories

	Order No.
Protection and calibration cap	ZU 0911
Membrane cap	ZU 0913

Dimension Drawing



All dimensions in mm [inches]