

5740 sc Digital galvanic dissolved Oxygen sensor

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UTGÅNGEN ARTIKEL
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5740 sc: the classic O_2 measurement re-defined

The sensor comprises a nickel/lead cell with a large, cylindrical membrane. This arrangement and the robust design ensure long service life, easy sensor cleaning and very reliable measured values.

It is an immersion or flow-through probe which works with galvanic measurement method and NTC temperature sensor.

Ideal price performance ratio

Sensor head easy to replace

Long service life

Robust design

Error-free, digital signal transmission

Specifikationer

Elektrodmaterial:	Nickel-Chrome and Lead
Flöde:	> 0.5 cm/s
Fuktade material:	NORYL, PVC, FKM/FPM, Polypropylene, NYLON
Garanti :	24 månader
Kabellängd:	10 m
Kalibreringsmetod :	Air calibration: one point, 100% water saturated air; sample calibration: comparison to standard instrument, or comparison to Winkler titration method
Känslighet:	± 0,5 % of span
Kommunikation:	MODBUS
Lagringsförhållanden:	-5 °C - 70 °C
Längd:	203.2 mm
Mätområde:	0 - 200 % saturation (dissolved Oxygen)
Mätprincip:	Galvanic cell
Noggrannhet:	± 0,2 °C
Omgivningstemperatur:	-5 - 50 °C
Relativ luftfuktighet:	95 % relative humidity, non-condensing.

Repeterbarhet:	± 0.5 % of span
Responstid T90:	120 s at 20 °C
Skyddsklass:	IP68
Specialkommentarer:	Corrosion-resistant materials, fully-immersible sensor with 10 m cable
Temperaturgivare:	30kΩ NTC thermistor
Tryckområde:	Max. 10 bar
Vikt :	0,26 kg