

1.1.1.

DOSASens Chlorine dioxide sensor ILS2



Sensor for the measurement of chlorine dioxide with open measuring cell. Especially for installation in the direct fitting **DOSASens ILS**.

Product description:

- Measurand(s): chlorine dioxide
- Calibration: at the controller, via analytical determination by DPD-1 method
- Interferences:
 - ozone, chlorine, chlorite are registered with less than 2%
- pH range: 1 – 9
- Pressure range: 0 – 8 bar
- Temperature range: 0 – 50 °C
- Automatic temperature compensation
- Response time: T_{90} approx. 30 s
- Absence of the disinfectant: max. 24 h
- Flow rate: unlimited
- Shaft length: standard 190 mm
- Connection: 5-pin M12 screwed plug
- Material: PVC-U

Areas of application:

- Fresh water, especially drinking water, up to max. 50 °C.

Scope of supply:

- **DOSASens ILS2** chlorine dioxide sensor, electrolyte hull, electrolyte, operating manual

Ordering data:

Type:	Measuring range: ppm	Resolution: ppm	Output signal: mA	Power supply:	Item number:
ILS2MA5-CD-M12	0.03 – 5.00	0.01	4 – 20	± 12 to ± 30 VDC R_L 500 – 900 Ω	3526070

Additional technical data:

Type:	Slope:	Connection:	Special characteristics:
ILS2MA5-CD-M12	3.2 mA/ppm	5-pin M12 screwed plug	Especially for installation in the direct fitting DOSASens ILS .

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
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Spare parts:

Spare parts:	for sensor type:	Item number:
Abrasive paper S3	ILS2 all types	9026103
Electrolyte hull PVC	ILS2 all types	9026154
Electrolyte EAS1/Gel	ILS2 all types	9026066

Accessories:

Type:	for sensor type:	Item number:
Sensor simulator SIM11.1n	0 mV, -100 mV, -1000 mV	9026205
Sensor simulator 4 – 20 mA, current sensor	all sensors with mA signal	90249000
mV Simulator and mA Tester	all sensors with mV signal or mA signal	21131105
Photometer for calibration	chlorine, total chlorine, isocyanuric, pH, chlorine dioxide	90231060