

1.1.1.

DOSA*Sens* Chlorine sensor ILS2

Sensor for the measurement of free, inorganic chlorine with open measuring cell. Especially for installation in the direct fitting **DOSA*Sens* ILS**.



Product description:

- Measurand(s): free chlorine made of chlorine bleaching or chlorine gas and electrolytically generated chlorine
- Calibration: at the controller, via analytical determination by DPD-1 method
- Interferences: ozone, chlorine dioxide, chlorite are also registered
- pH range: 5–9
- Pressure range: 0–8 bar
- Temperature range: 0–50 °C
- Integrated automatic temperature compensation
- Response time: T₉₀ 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:

- **DOSA*Sens* ILS2**, sensor, electrolyte hull, electrolyte, operating manual

Ordering data:

Type:	Measuring range: ppm	Resolution: ppm	Output signal: mA	Power supply:	Item number:
ILS2MA5-CL-M12	0.03–approx. 5.00	0.01	4 ... 20	±12 to ±30 VDC R _i 500 - 900 Ω	3526020

Additional technical data:

Type:	Slope:	Connection:	Special characteristics:
ILS2MA5-CL-M12	3.2 mA/ppm	5-pin M12 screwed plug	Especially for installation in the direct fitting DOSA<i>Sens</i> ILS .

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
12.10.2022

Spare parts:

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

Accessories:

Type:	for sensor type:	Item number:
Sensor simulator pH, Redox, Cl	all sensors with mV signal	21131100
Sensor simulator SIM11.1n	0 mV, -100 mV, -1000mV	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	90231000