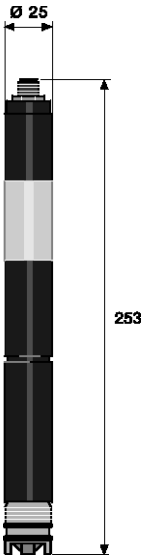
Sensor for Free Chlorine CLE 3.1-CAN-P

Sensor for the measurement of free chlorine in clear water with higher selectivity towards combined chlorine. For use on controllers with CAN-bus connection

Your benefits

- Measured variable: free chlorine, no cross sensitivity to combined chlorine (chloramines) even if there is an excess of it
- Diaphragm-covered sensor (encapsulated) minimises faults caused by changing flow or ingredients in the water
- Operation on the CAN-bus with all the associated benefits



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Measured variable	free chlorine with high levels of combined chlorine; for determining the combined chlorine with a DULCOMARIN® and sensor for total chlorine type CTE 1-CAN
Reference method	DPD1
pH range	5.5 … 8.0
Temperature	5 … 45 °C
Max. pressure	1.0 bar
Intake flow	30…60 l/h (in DGMa or DLG III)
Supply voltage	Via CAN interface (11 – 30 V)
Output signal	Uncalibrated, temperature compensated, electrically isolated
Selectivity	Free chlorine
Disinfection process	Chlorine gas, hypochlorite, electrolysis with diaphragm, disinfectants with organic chlorine, e. g. based on cyanuric acid, are unsuitable
Installation	Bypass: open sample water outlet
Sensor fitting	DGM, DLG III
Measuring and control equipment	DULCOMARIN®
Typical applications	Potable water with higher percentages of combined chlorine;Swimming pool.To determine the combined chlorine from the difference: Total chlorine minus free chlorine in the controller DULCOMARIN®
Resistance to	Salts, acids, alkalis. Not surfactants
Measuring principle, technology	Amperometric, 2 electrodes, membrane-covered

	Measuring range	Order no.
CLE 3.1-CAN-P-10 ppm	0.01…10.0 mg/l	1083584

Chlorine sensors complete with 100 ml of electrolyte

A mounting kit, order no. 815079, is required for initial fitting of the chlorine sensors in the in-line probe housing DLG III.