



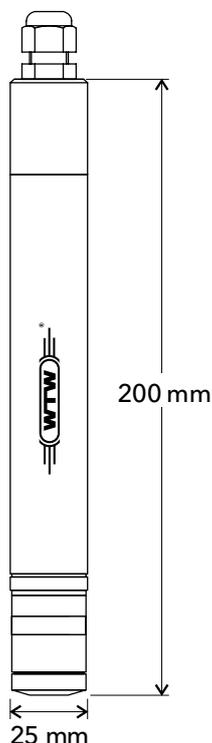
Analog chlorine sensors

For free and total chlorine

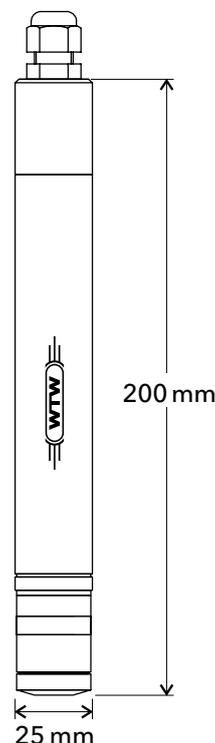
The electrochemical WTW chlorine sensors can be applied for measurements in swimming pools and drinking water. Directly connectable to the controller CI 298.

We would like to inform you about the application range on our website

FCML 412 N



TCML N



Technical Data

Model	FCML 412 N	TCML N
Measuring principle	Amperometric	
Measured value	Free chlorine	Total chlorine
Measuring Range	0.01 ... 2.00 mg/l Cl ₂	0.01 ... 2.00 mg/l Cl ₂
Response time	t ₉₀ Approx. 120 s	
Minimum flow rate	Recommended minimum flow rate in flow cell D-CL: > 30 l/h	
Temperature Measurement	0 ... 45 °C	
Temperature Compensation	Automatically via integrated sensor	
pH range	4 ... 9	4 ... 12
Polarization time	Approx. 1 hour after new installation or change of electrolyte	
Calibration method	1-point-calibration (according to DPD method as reference)	
Pressure Resistance	3 bar	
Electrical Connection	2-wire-connection	
Certifications	CE	
Mechanical	Shaft: PVC Membrane cap: PVC Working electrode: Gold Reference electrode: Ag/AgCl Cable connection: Polyamid Protection rate: IP64	
Weight	Approx. 0.5 kg	
Warranty	6 months on defects in quality according to § 10 terms of conditions	

Model	Description	Order No.
FCML 412 N	Chlorine electrode according to electrochemical principle, suitable for measurements of free chlorine in drinking water and swimming pools. Measuring range: 0-2 mg/l, pH range 4-9, independent from pH value. Please order cable separately.	201187
TCML N	Chlorine electrode according to electrochemical principle, suitable for measurements of total chlorine in drinking water and swimming pools. Measuring range: 0-2 mg/l. Please order cable separately.	201192