

# Free chlorine, ozone, chlorine dioxide sensor CCK



- For domestic hot water, drinkable water, cooling water
- Ranges: in ppb or ppm
- Reversible Voltage for electrodes cleaning
- Pressure limit: 10 bar
- No zero calibration required

## APPLICATION

- Online measurement of a disinfectant (free chlorine, chlorine dioxide, ozone) for water treatment (suitable for dialysis application to detect when chlorine is appearing)

## DESCRIPTION

The CCK is a potentiostatic sensor for performing an amperometric measurement. Disinfectant and measurement range are selected via the NEON DIS monitor (see data-sheet 194-06)

The advantages are numerous:

- Automatic cleaning by reverse polarity via the NEON DIS
- Reduced maintenance (electrolyte free maintenance)
- Stable zero point

### Measuring ranges for free chlorine and chlorine dioxide:

- up to 1000 µg/l (ppb)
- up to 5.00/ 10.00/ 20.00 mg/l (ppm)

### Measuring ranges for ozone:

- up to 1000 µg/l (ppb)
- up to 5.00/ 10.00 mg/l (ppm)

**Note: The monitored water must have a constant pH.**

## TECHNICAL FEATURES

Conductivity limit	200 µS/cm
Operating pressure	Less than 10 bar at 20 °C
<i>Caution: Consider the pressure limit of measuring cell</i>	
Operating temperature	From 5 to 70 °C
Inlet flow-rate	From 30 to 40 l/h (see data-sheet 193-95)
Fitting	Standard PG 13.5
Connection	6 pin connector M12 (male thread)
Electrodes material	Gold
Body material	Glass
Electrochemical reference	Ag/AgCl
Dimensions	Ø 12 mm; Length: 120 mm

## CODE NUMBERS AND REFERENCES

Code	Reference	Description
193 201	CCK	Disinfectant sensor
<i>Accessories</i>		
190 498	WAKS4-.5-5	5 m long cable with M12 connector
190 499	WAKS4.5-ml	Additional metre of cable (Max. 10 m)

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