

# Chlorine dioxide sensor CD7



- For swimming pool, drinkable water, cooling and process water
- Range: from 0.01 up to 10 ppm
- Output signal: 4-20 mA
- Sensor affords surfactants
- Pressure limit: 1 bar as a maximum
- Unnecessary zero adjustment

## DESCRIPTION

### Principle

Chlorine dioxide measurement by amperometric method with a diaphragm cell of 3 electrodes; wasted sample.

The probe includes a CTN sensor for the temperature compensation.

### Mounting / Recommendations

The measuring at a constant flow rate requires the use of a specific cell (see data sheet 193-95).

The complete assembly optimizes the operations.

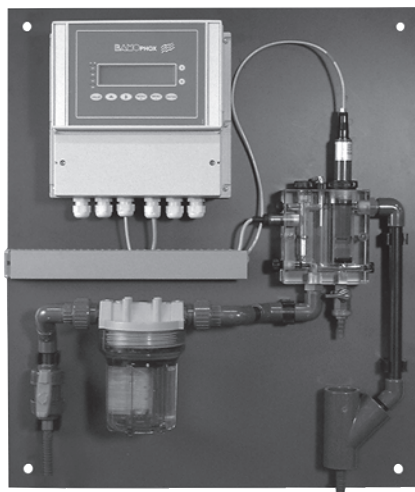


Measuring cell  
sensors holder

## TECHNICAL FEATURES

Range:	0.01 to 10 ppm
pH range:	2 to 12
Operating pressure:	1 bar as a maximum
Operating temperature:	1 to 45°C
Flow rate limits:	30 to 40 L/h (see doc. 193-95)
Power supply:	12...30 V DC, [R <sub>max</sub> = (U-7,5) / 20 kΩ]
Materials:	PVC-U, electro-polished AISI 316L
Dimensions:	Ø 25 mm, length 225 mm

Complete measuring system with assembly



## CODE NUMBERS AND REFERENCES

Code	Reference	Range	Resolution	Output	Power
193 103	CD7.MA05	0,01 to 0,5 ppm	0,01 ppm	4-20 mA	12 ... 30 V DC
193 104	CD7.MA2	0,01 to 2 ppm			
193 105	CD7.MA5	0,01 to 5 ppm			
193 106	CD7.MA10	0,01 to 10 ppm			

## Replacement parts

Code	Reference	Designation
193 904	M7N	Sensor end with diaphragm for CD7
193 956	ECD 7W	Electrolyte for CD7 (100 mL flask)

# BAMO MESURES

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