

Residual Chlorine
CD7 Chlorine dioxide sensor

Liquid Analysis
Measurement & Monitoring



DESCRIPTION

Principle

Free chlorine 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. The complete assembly optimizes the operations.

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

Power supply : 12... 30 V DC, [Rmax = [U-7,5) / 20 kΩ]

Materials : PVC-U, electro-polished AISI 316L

Dimensions : Ø25 mm, length 225 mm

FEATURES

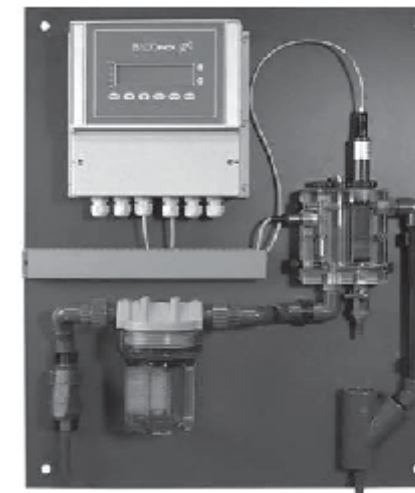
- ✓ For swimming pool, drinkable water, cooling and process water
- ✓ Range: from 0.01 up to 10 ppm
- ✓ Output signal: 4-20 mA
- ✓ Sensor affords surfactants
- ✓ Pressure limit: 1 bar as a maximum
- ✓ Unnecessary zero adjustment



DIMENSION/DRAWING



Measuring cell sensors holder



Complete measuring system with assembly

CODES 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			

