

Ozone amperometric sensor OZ7



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

DESCRIPTION

Principle

Ozone measurement by amperometric method with a diaphragm cell of 2 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.



TECHNICAL FEATURES

Range:	0.01 to 10 mg/L
pH range:	2 to 11
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 _{max} = (U-7.5) / 20 kΩ]
Materials:	PVC-U, electro-polished AISI 316L
Dimensions:	Ø 25 mm, length 225 mm

CODE NUMBERS AND REFERENCES

Code	Reference	Range	Resolution	Output	Power
193 143	CD7.MA05	0.01 to 0.5 mg/L	0.01 mg/L	4-20 mA	12...30 V DC
193 144	CD7.MA2	0.01 to 2 mg/L			
193 145	CD7.MA5	0.01 to 5 mg/L			
193 146	CD7.MA10	0.01 to 10 mg/L			

Replacement parts

Code	Reference	Designation
193 905	M7D-03	Sensor end with diaphragm for OZ7, (excepted MA05)
193 906	M7N-03	Sensor end with diaphragm for OZ7, MA05
193 958	EOZ 7/W	Electrolyte for OZ7 (100 mL flask)



Complete measuring system with assembly

BAMO MESURES

22, Rue de la Voie des Bans - Z.I. de la Gare - 95100 ARGENTEUIL

Tél : (+33) 01 30 25 83 20 - Web : www.bamo.fr

Fax : (+33) 01 34 10 16 05 - E-mail : info@bamo.fr

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