

Ozone sensor OZ7



- Drinkable water, sea water
- Surfactants: partial tolerance
- Temperature: 45 °C max.
- Pressure: 1 bar max.

FEATURES

Measured parameter	Ozone
Applications	Water treatment (water equivalent to drinkable quality) and sea water Examples: Bottles cleaning, CIP, etc. Surfactants: partial tolerance
Measuring system	Closed cell with 2 electrodes and electrolyte
Supply voltage	12 ... 30 V DC (Load: 500 to 900 Ω)
Output signal	4-20 mA, screw connectors x2 (1mm ²) No galvanic insulation
Operating temperature	1 to 45 °C Automatic temperature compensation
Operating pressure	1 bar max. (No vibrations; no pulsating flow)
Flow-rate	About 15 to 30 l/h
pH operating range	Between pH 2 and pH 11
Zero adjustment	Not necessary (from factory)
Slope calibration	Only 1 point with BAMOPHAR 194
Materials	PVC-U and AISI 316 Ti (1.4571)
Dimensions	O.D. 25 mm, length 220 mm (4-20 mA)

CE Conformity **The instrument meets the legal requirements of the current European Directives.**

CODE NUMBERS AND REFERENCES

Code	Reference	Measuring range	Resolution
193 143	OZ7.MA05	0.01...0.5 mg/l	0.01 mg/l
193 144	OZ7.MA2	0.01...2 mg/l	
193 145	OZ7.MA5	0.01...5 mg/l	
193 146	OZ7.MA10	0.01...10 mg/l	
Spare parts			
193 905	M7D-03	Diaphragm for OZ7 (excepted for OZ7.MA05)	
193 906	M7N-03	Diaphragm for OZ7MA.05	
193 958	EOZ 7/W	Electrolyte for OZ7 (100 ml)	

Other versions on request.

Precautions

Flow rate must be constant and a measuring cell with flow controller is necessary (data-sheet 193-95).

In order to install easily a complete system, we propose assemblies designed for specific applications (on request).



Complete measuring system
(assembly sold separately)

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Ozone sensor
OZ7

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