

Ozone sensor OZ10



- For clear water or sea water
- Highly resistant to surfactants
- Temperature : up to 45 °C
- Pressure: up to 1 bar

FEATURES

Measured parameter	Ozone
Applications	Water treatment (quality of drinkable water), sea water, R.O. produced water (>10 µS/cm) e.g.: Bottles disinfection, CIP etc. Surfactants: tolerated
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 connector, (2x 1mm ²) No galvanic insulation
Operating temperature	From 1 to 45 °C Automatic temperature compensation
Operating pressure	0.5 bar without retaining ring 1 bar max. with retaining ring (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)

EC Conformity: The instrument meets the legal requirements of the current European Directives

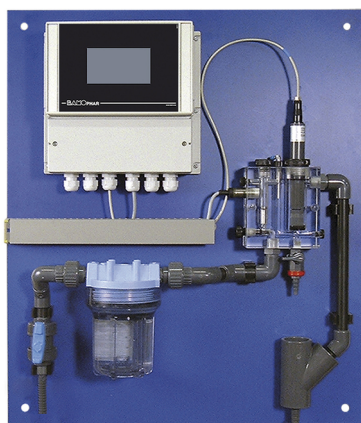
CODE NUMBERS AND REFERENCES

Code	Reference	Measuring range	Resolution
193 148	OZ10.MA2	0.005...2 mg/l	0.001 mg/l
193 149	OZ10.MA5	0.05...5 mg/l	0.01 mg/l
193 150	OZ10.MA10	0.05...10 mg/l	0.01 mg/l
Spare parts			
193 914	M10G-03	Diaphragm for OZ10 sensor	
193 958	EOZ 7/W	Electrolyte for OZ10 (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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OZ10

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