

1.1 Amperometric Sensors DULCOTEST®

1.1.9 DULCOTEST® Sensors for Ozone

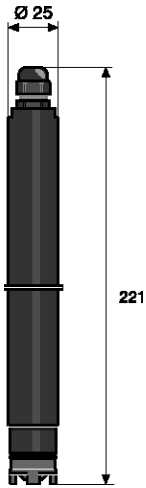
Ozone Sensor OZE 3-mA

Standard sensor for measuring ozone in clear water. For operation on controllers with 4-20 mA input

Your benefits

- Measured variable: Ozone, without cross sensitivity to chlorine, hydrogen peroxide
- Diaphragm-covered sensor (encapsulated) minimises faults caused by changing flow or ingredients in the water

Measured variable	Ozone (O ₃)
Reference method	DPD4
pH range	4.0 ... 11.0 Ozone stability range
Cross sensitivity	Chlorine dioxide
Temperature	5 ... 40 °C
Max. pressure	1.0 bar
Intake flow	30...60 l/h (in DGM or DLG III)
Supply voltage	16...24 V DC (two-wire technology)
Output signal	4...20 mA ≈ measuring range, temperature-compensated, uncalibrated, not electrically isolated
Selectivity	Ozone as against free chlorine, combined chlorine, hydrogen peroxide
Installation	Bypass: open sample water outlet
Sensor fitting	DGM, DLG III
Measuring and control equipment	D1C, DAC
Typical applications	Potable water and swimming pool water
Resistance to	Salts, acids, alkalis. Not surfactants
Measuring principle, technology	Amperometric, 2 electrodes, membrane-covered



pk_6_039

	Measuring range	Order no.
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OZE 3-mA-2 ppm	0.02...2.0 mg/l	792957
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Ozone sensor complete with 100 ml of electrolyte.

Note: A mounting kit (order no. 815079) is required for initial fitting of the ozone sensors in the in-line probe housing DLG III.