

OZONMAT, model 9185



Applications

On-line monitoring of dissolved ozone for :

- Drinking water treatment plants
- Pure water production plants
- Industrial rinsing and cooling waters

Features

- Selective measurement of ozone
- Minimal maintenance requirements
- Quick response time
- Low detection limit
- User-friendly menu-based programming
- Two smart analog outputs with automatic recognition of the analyser status

datasheet

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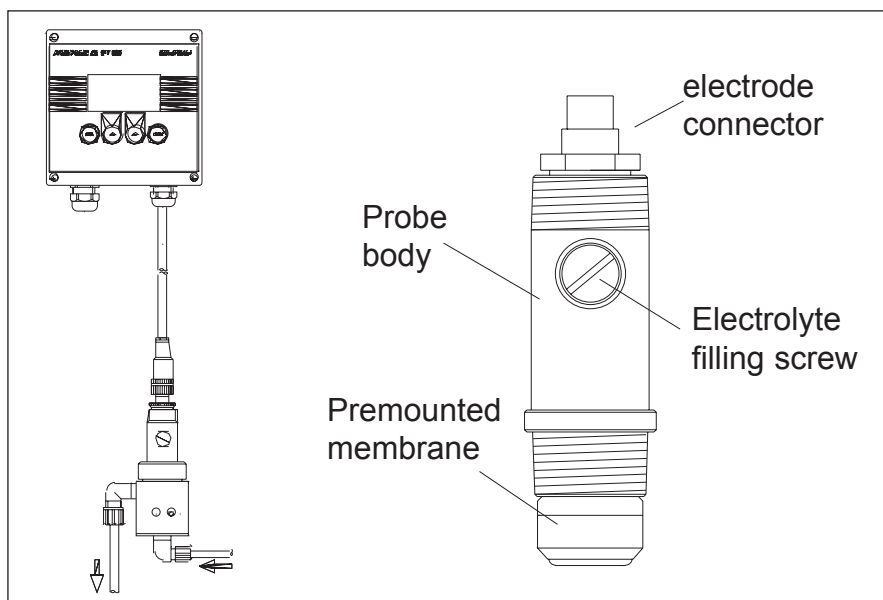
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Distributor

TE 9185=A=100 - Rev. E - FR. 50622048726



Sample	Temperature Particulates Pressure / Flow	+0...+45°C, +32...113°F No suspended solids Cell outlet at atmospheric pressure 15-30 l/h (ideal 18 to 22 l/h)
Connections	Sample Drain Power supply Mounting	Tube 4 x 6 mm P.E Tube 6 x 8 mm P.E 90...265VAC, 50/60Hz, ~25VA Transmitter + probe (10 m cable)
Analysis	Measuring range Repeatability Low detection limit Response time (t=90%) Sample conditioning Ambient temperature Calibration	0..2 mg/l O ₃ < +/- 5 % of measure or < +/- 5 µg/l O ₃ whichever is greater < 2 µg/l O ₃ ~ 60 seconds None 0...+45°C, +32...+113°F Zero : electrically or with ozone free water Slope : process using a reference method
Transmitter	Protection CE regulations Analog outputs Analyser status information Relays Temperature compensation	IP65 / NEMA 4 X EN50081, EN50082 (EMC) and IEC61010 (low voltage) 2 x 0/4... 20 mA isolated, 800 Ohms load max : for concentration (linear or bi-linear) and/or for temperature (linear) 4/20 mA outputs programmable to a value between 0 and 21mA during calibration or when system alarm is activated 4 dry contacts NO/NC (250VAC, 3A / 30VDC, 0.5A max. ohmic load) for : - high/low limits (programmable delay and hysteresis), - system alarm with manual or automatic acknowledgement, - timer (programmable frequency and sequence) Automatic within the range 0 - 45°C (32 - 113°F)
Options	RS 485 Zero cartridge Overflow vessel	300..9600 bauds, 32 stations max., JBUS/MODBUS. To perform on-line chemical zero calibration To maintain a constant sample flow
Materials	Electrodes Measuring cell	Gold cathode/ Silver anode PVC (optional 316L stainless steel)
Maintenance	Every 1 to 2 months Every 4 to 8 months	Calibrate Change membrane and electrolyte

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