

Chlorine dioxide analyser Model 9187



datasheet

Applications

On-line monitoring of chlorine dioxide for :

- Drinking water treatment plants
- Industrial rinsing and cooling waters

Features

- Selective measurement of chlorine dioxide
- No reagent
- Minimal maintenance requirements
- Excellent repeatability
- User-friendly menu-based programming
- Two smart analog outputs with automatic recognition of the analyser status

polymetron

Headquarters:
6, route de Compois
C.P. 212
CH1222 Vérenaz, Geneva
Switzerland

Tel. +41 22 855 91 00
Fax +41 22 855 91 99
salesinfo@hachultra.com



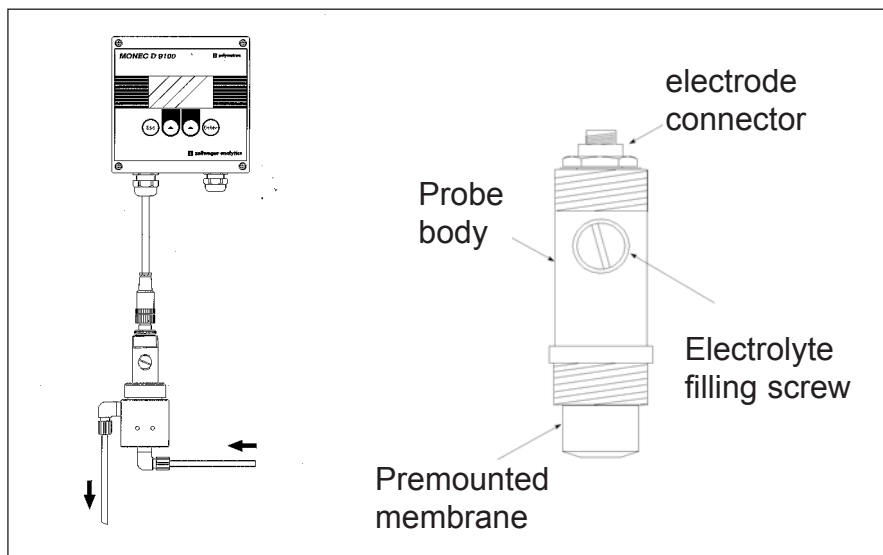
EXCELLENCE IN PROCESS ANALYTICS

www.hachultra.com

This publication is not intended to form the basis of a contract and the company reserves the right to amend the design and specifications of the instruments without notice.

Distributor

TE 9187=A=100 - Rev. D - FR. 50622048726



Sample	Temperature Particulates Pressure / Flow	+0...+45°C, +32...113°F No suspended solids Cell outlet at atmospheric pressure 12-30 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%) Ambient temperature Calibration Interference	0..2 mg/l ClO ₂ < +/- 5 % of measure or < +/- 0.01 mg/l ClO ₂ whichever is greater < 0.01 mg/l ClO ₂ ~ 3 minutes 0...+45°C, +32...+113°F Zero : electrically or with chlorine dioxide free water Slope : process using a reference method Chlorine, bromine do not interfere Ozone does interfere
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
Maintenance	Every 1 to 3 months Every 4 to 8 months	Check calibration Change membrane and electrolyte