DAVITEQ CHLORINE Cl2 GAS SENSOR, 20 PPM, SERI-4

SENSOR SPECIFICATION

MEASURING SPECIFICATION	
Sensor type	Daviteq Seri-4 electrochemical gas sensor
Nominal range	0-20 ppm
Maximum overload	200 ppm
Resolution	0.01 ppm
T80 response time	< 60 s
Typical Baseline Range (pure air, 20°C)	-0.1 ppm .. +0.2 ppm
Repeatability	< 2% of reading or 0.05ppm whichever greater
Accuracy	+/- 5% of reading
Zero stability	0 .. 0.05 ppm in pure Air, 20oC
Temperature compensation	Yes
WORKING CONDITIONS	
Relative humidity range	15 % to 90 % RH non-condensing
Temperature range	-40 °C to 50 °C
Pressure range	Atmospheric ± 10%
Humidity effect	None
SENSOR LIFETIME	
Expected Operation Life	2 years in the air
Expected Long-Term Output Drift in air	< 2 % of reading loss per month

CROSS SENSITIVITY DATA

The table below does not claim to be complete. Interfering gases should not be used for calibration.

Interfering Gas	Concentration (ppm)	Reading (ppm)
Br2	10	2.5
C2H4	100	0
CH2O	7	0
ClO2	3	~3
CO	300	0

Ethanol (C2H5OH)	60	0
F2	8	~8
H2	100	0
H2S	20	< -20
HCl	20	0
NH3	80	0
NO	50	0
NO2	20	~20
O3	1	~1
SO2	5	0

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