DAVITEQ HYDRO SULFIDE H2S GAS SENSOR, 50 PPM, SERI-4

SENSOR SPECIFICATION

MEASURING SPECIFICATION	
Sensor type	Daviteq Seri-4 electrochemical gas sensor
Nominal range	0-50 ppm
Maximum overload	100 ppm
Resolution	0.1 ppm
T90 response time	< 25 s
Typical Baseline Range (pure air, 20°C)	-0.1 ppm .. + 0.1 ppm
Repeatability	< 2% of reading
Accuracy	+/- 5% of reading
Zero Stability	0 .. 0.2 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%
SENSOR LIFETIME	
Expected Operation Life	2 years in the air
Expected Long-Term Output Drift in air	< 2 % of reading loss per month

We have other ranges: 100 ppm, 200ppm, 500ppm, and 2000 ppm

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)
CO	100	< 1
H2	300	< 1.2
Methyl Mercaptan (MM, CH3SH)	10	~ 5
Tert-Butyl Mercaptan (TBM, (CH3)3CSH)	10	~ 3.5

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