

# 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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