DAVITEQ CARBON MONOXIDE CO GAS SENSOR, 200 PPM, SERI-4

SENSOR SPECIFICATION

MEASURING SPECIFICATION	
Sensor type	Daviteq Seri-4 electro-chemical gas sensor
Nominal range	0-200 ppm
Maximum overload	500 ppm
Filter	Inboard filter to remove acidic gases
Resolution	0.1 ppm
T90 response time	< 35 s
Typical Baseline Range (pure air, 20°C)	-0.5 ppm .. + 0.7 ppm
Repeatability	< 2% of reading
Accuracy	+/- 5% of reading
Zero Stability	0 .. 0.5 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	3 years in the air
Expected Long-Term Output Drift in air	< 2 % of reading loss per month

We have other ranges: 500 ppm, 1000 ppm, and 2000 ppm.

CROSS SENSITIVITY DATA

Interfering Gas	Concentration (ppm)	Reading (ppm)
C2H4	1000	< 250
H2	100	< 60
H2S	20	0
NO	50	0
NO2	5	0

SO2	5	0

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