DAVITEQ ETHYLENE C2H4 GAS SENSOR, 1500 PPM, SERI-4

SENSOR SPECIFICATION

MEASURING SPECIFICATION	
Sensor type	Seri-4 electro-chemical gas sensor
Nominal range	0-1500 ppm
Maximum overload	3000 ppm
Resolution	4 ppm
T80 response time	< 60 s
Typical Baseline Range (pure air, 20°C)	-10 ppm .. + 35 ppm
Repeatability	< 2% of reading
Accuracy	+/- 5% of reading
Zero Stability	0 .. 35ppm 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	< 5 % of reading loss per month

CROSS SENSITIVITY DATA

Interfering Gas	Cross-Sens. [%]
CO	< 60

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