

SPECIFICATION SHEET FOR CO SENSOR TYPE CO/SFA-200

PERFORMANCE CHARACTERISTICS

Nominal Range	0 – 200 ppm
Maximum Overload	400 ppm
Inboard Filter	To remove acid gases
Expected Operation Life	3 years in air
Output Signal	475 ± 125 nA/ppm
Resolution	0.1 ppm
Temperature Range	- 20 °C to 45 °C
Pressure Range	Atmospheric ± 10%
Pressure Coefficient	No data
T ₉₀ Response Time	< 40 sec
Relative Humidity Range	15 % to 90 % R.H. non-condensing
Typical Baseline Range (pure air, 20°C)	-1 to +1 ppm
Maximum Zero Shift (+20°C to +40°C)	2 ppm
Expected Long Term Output Drift	< 2% signal loss/month
Recommended Load Resistor	10 Ohm
Bias Voltage	Not recommended
Repeatability	< 2 % of signal
Output Linearity	Linear

PHYSICAL CHARACTERISTICS

Weight	~ 32 g
Position Sensitivity	None
Storage Life	Six months in container
Recommended Storage Temperature	5 °C – 20 °C
Warranty Period	12 months from date of dispatch

CROSS-SENSITIVITY DATA

Interfering Gas	Cross-Sensitivity (%)
H ₂ S	0
SO ₂	0
NO	0
NO ₂	0
H ₂	< 15

Performance data conditions:
20 °C, 50% RH and 1013 mbar

APPLICATIONS

CO Detection in CO/H₂-Mixtures
Stack/ Flue Gas Monitoring

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Standard-Size Outline Dimensions

