SME Sensor Specifications

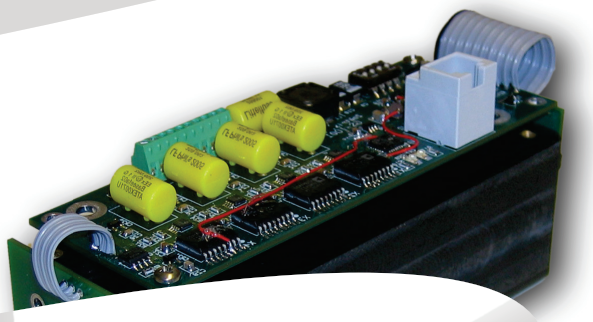
Performance Characteristics

	Range	Accuracy @ 0-50° C	Accuracy Over Temperature
HC*	0-2,000 ppm	+/- 4ppm abs or 4% rel	+/- 8ppm abs or 8% rel
HC*	0-25,000 ppm	+/- 4% rel	+/- 8% rel
CO2	0-10%	+/- 3% rel	+/- 5% rel
O2	0-25%	+/- 1% rel	+/- 2% rel
CH4	100% LEL	+/- 4% rel	+/- 8% rel
Power Usage	<1 Watt	3%	5%

* HC includes both **gasoline and diesel** range organics

R&D finished and tested at ambient temperature: results are positive

Supply Voltage	12 Volts/dc Regulated	15Vdc Absolute Max.
Operating Temperature	-40° to 85° C	
Humidity	0-90% non-condensing	
4-20 mA connections	Screw Terminal Strip	
Sensor type	Mirrorless IR	



Physical Characteristics

Weight	8.5 oz
Length	5.25 inch
Width	1.875 inch
Height	2.25 inch
Input	0.25 inch npt
Output	0.25 inch npt
Storage Temp.	-10°C to +50°C
Warranty Period	1 year

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SME Sensor® is a patent pending product of **The Vision Group, Inc.**