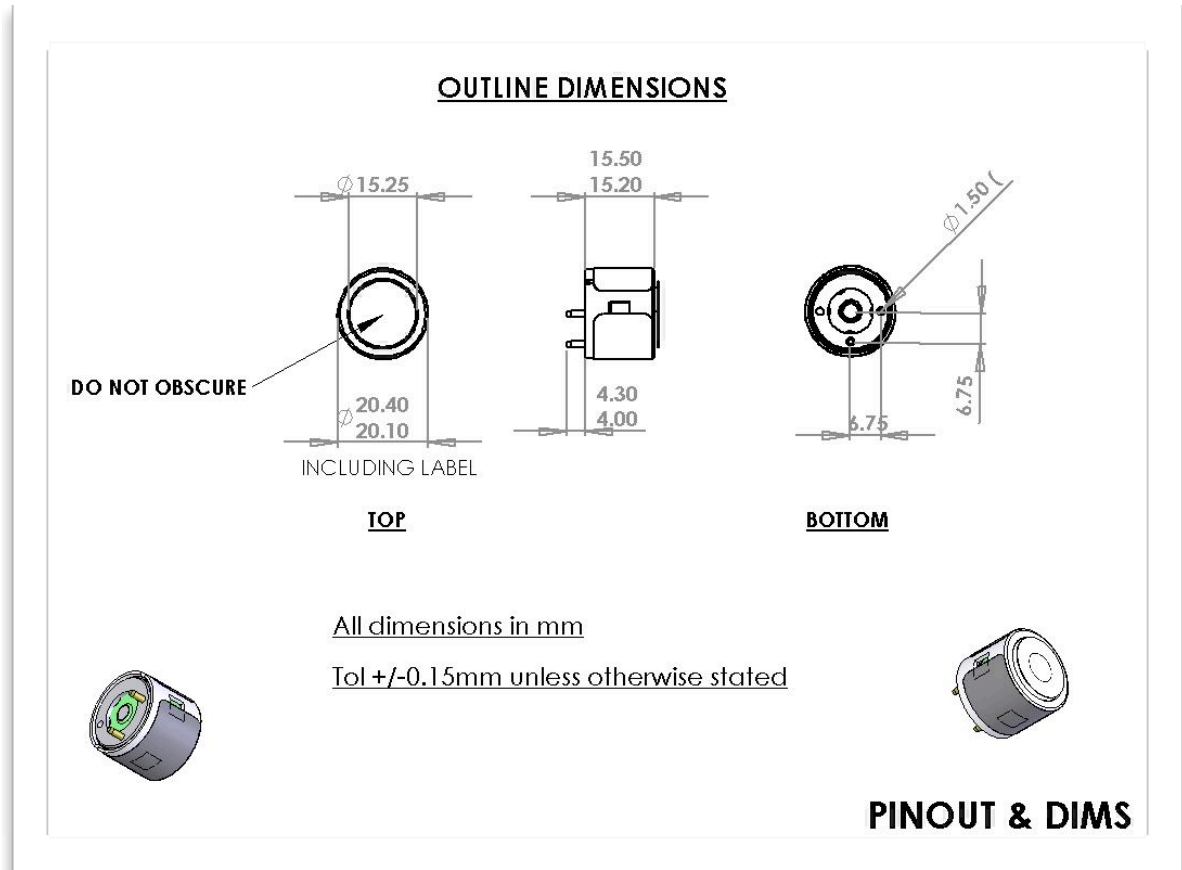


MRB SCIENTIFIC LTD *A fresh approach to gas sensing.*

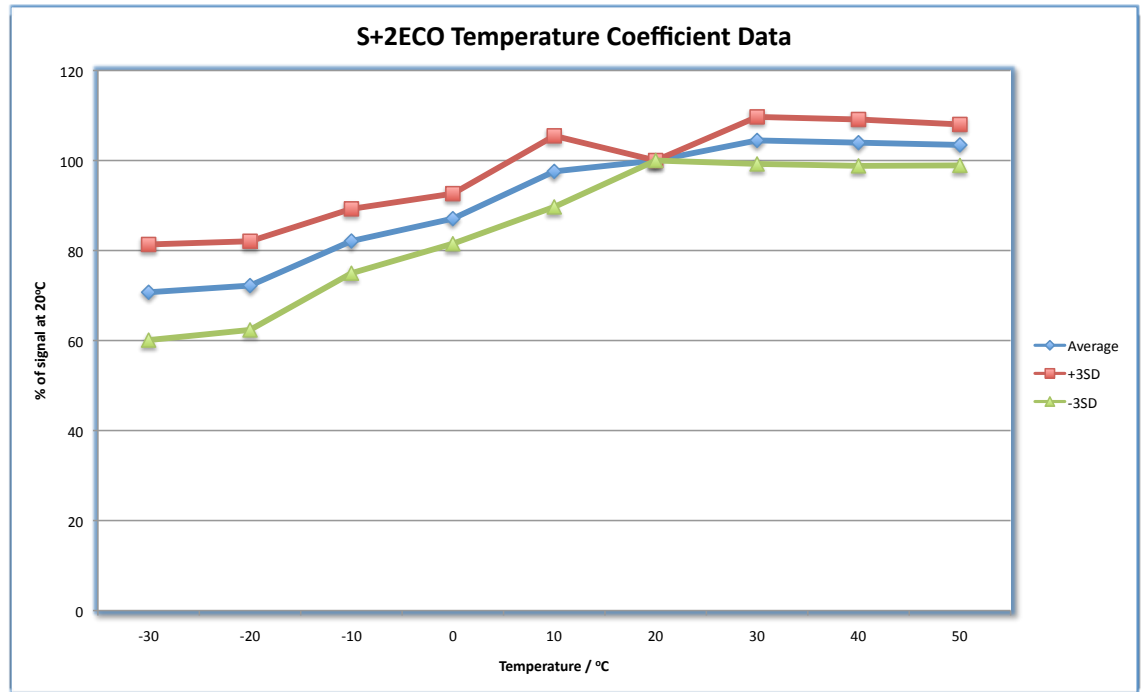
S+2ECO
Miniature low cost
2-electrode CO Sensor

Performance Characteristics	
Output signal	40 ± 20 nA / ppm
Typical Baseline Range (pure air)	-2 to +4 ppm equivalent
T90 Response Time	<30 seconds
Nominal Range	0 - 500 ppm
Maximum Overload	1000 ppm
Expected Operating Life	>72 months in air
Resolution	1 ppm
Temperature Range	-20°C to + 50°C
Pressure Range	Atmospheric ± 10%
Long Term Output Drift	< 5% signal loss/ year
Repeatability	<5% of signal
Recommended Load Resistor	10 ohms
Output Linearity	Linear



MRB SCIENTIFIC LTD, UNIT 25 THE OAKWOOD CENTRE, DOWNLEY ROAD, HAVANT, PO9 2NP, UK

Cross -Sensitivity Data		
GAS	CONC.	S+2ECO
Hydrogen Sulphide	15 ppm	<0.5 ppm
Sulphur dioxide	5 ppm	0 ppm
Hydrogen	100 ppm	<30 ppm
Nitric Oxide	35 ppm	<3 ppm
Ethanol	200 ppm	0 ppm



Every effort has been made to ensure the accuracy of this document at the time of printing. In accordance with the company's policy of continued product improvement MRB SCIENTIFIC Limited reserves the right to make product changes without notice. No liability is accepted for any consequential losses, injury or damage resulting from the use of this document or from any omissions or errors herein. The data is given for guidance only. It does not constitute a specification or an offer for sale. The products are always subject to a program of improvement and testing which may result in some changes in the characteristics quoted. As the products may be used by the client in circumstances beyond the knowledge and control of MRB SCIENTIFIC Limited, we cannot give any warranty as to the relevance of these particulars to an application. It is the clients' responsibility to carry out the necessary tests to determine the usefulness of the products and to ensure their safety of operation in a particular application. Performance characteristics on this data sheet outline the performance of newly supplied sensors. Output signal can drift below the lower limit over time.