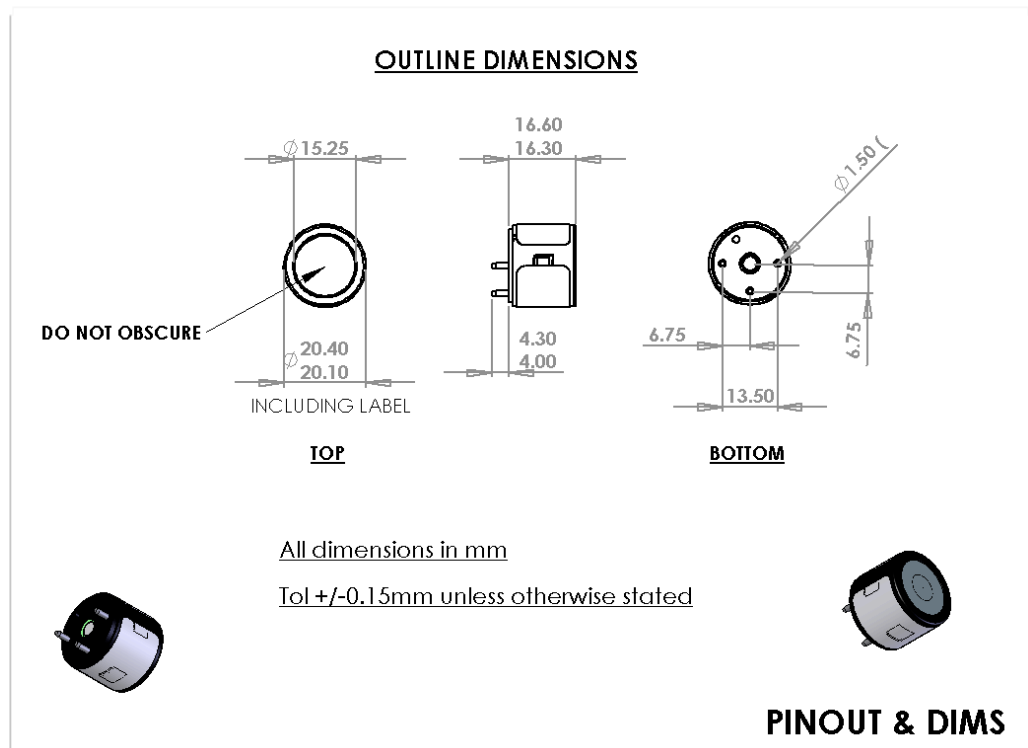


# MRB SCIENTIFIC LTD *A fresh approach to gas sensing.*

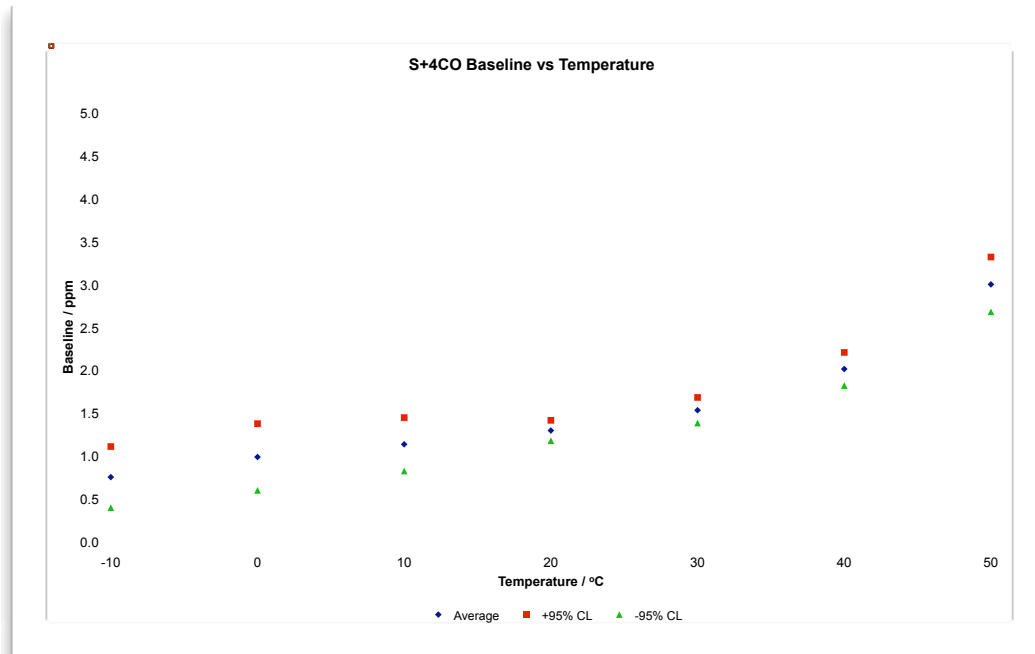
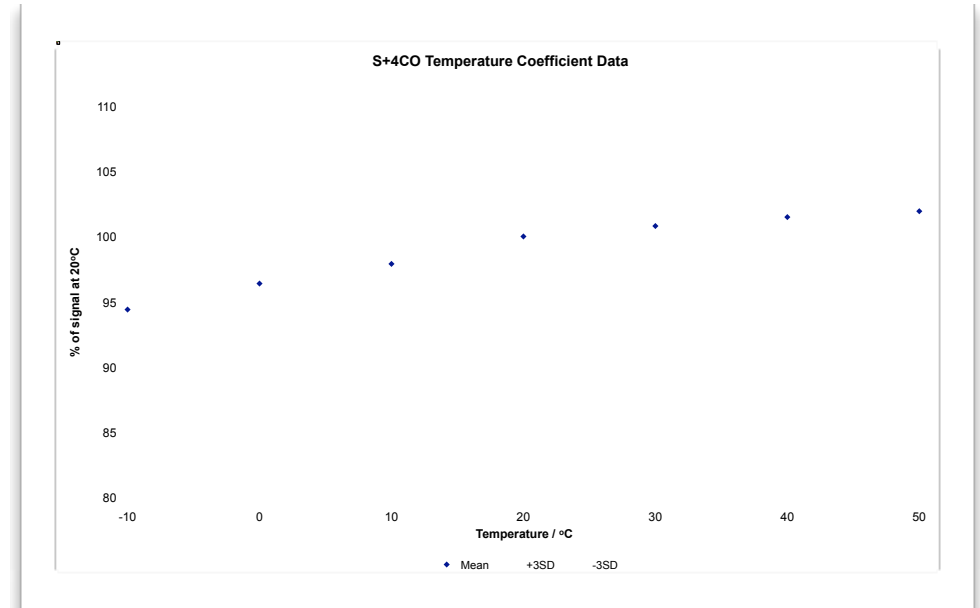
## S+4CO Minature CO Sensor

Performance Characteristics	
Output signal	70 ± 15 nA / ppm
Typical Baseline Range (pure air)	-2 to +3.5 ppm equivalent
T90 Response Time	<30 seconds
Nominal Range	0 - 500 ppm
Maximum Overload	1500 ppm
Expected Operating Life	24 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	<3% 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+4CO
Hydrogen Sulphide	15 ppm	<0.5 ppm
Sulphur dioxide	5 ppm	0 ppm
Hydrogen	100 ppm	<40 ppm
Nitric Oxide	35 ppm	<3 ppm
Ethanol	200 ppm	0 ppm



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