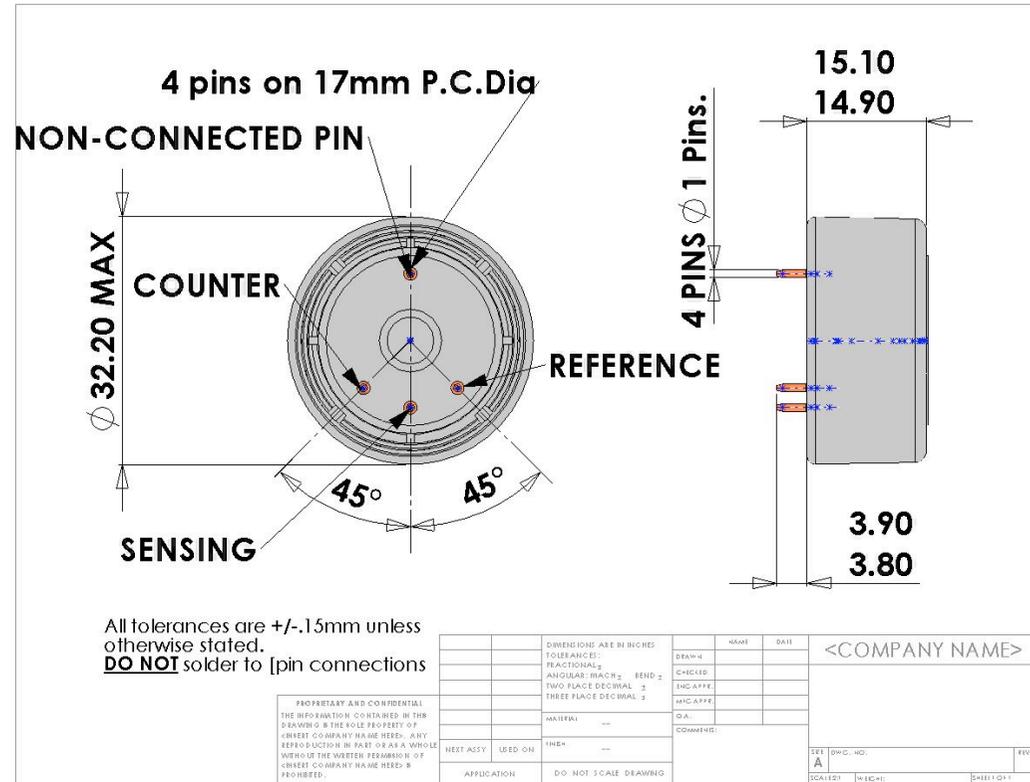


# MRB SCIENTIFIC LTD *A fresh approach to gas sensing.*

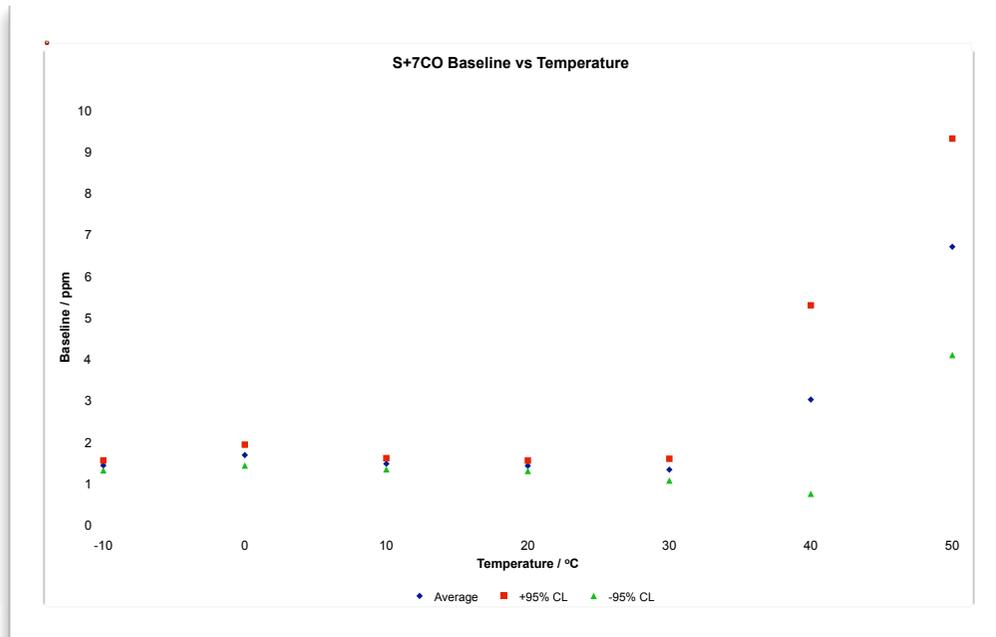
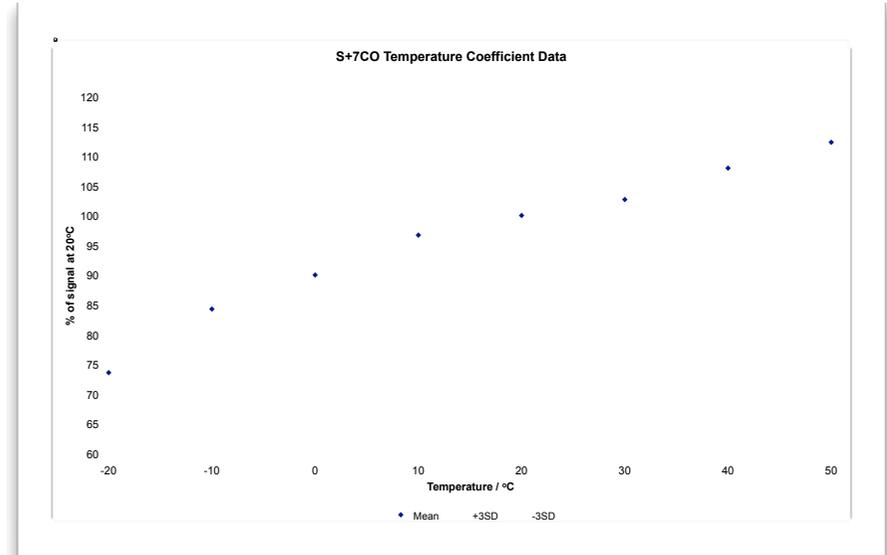
## S+7CO Compact CO Sensor

Performance Characteristics	
Output signal	100 ± 20 nA / ppm
Typical Baseline Range (pure air)	-2 to +3 ppm equivalent
T90 Response Time	<30 seconds
Nominal Range	0 - 1000 ppm
Maximum Overload	2000 ppm
Expected Operating Life	36 months in air
Resolution	0.5 ppm
Temperature Range	-40°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+7CO
Hydrogen Sulphide	15 ppm	<0.5 ppm
Sulphur dioxide	5 ppm	0 ppm
Hydrogen	100 ppm	<60 ppm
Nitric Oxide	35 ppm	<7 ppm
Ethanol	200 ppm	0 ppm



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S+7CO response to 200ppm CO

