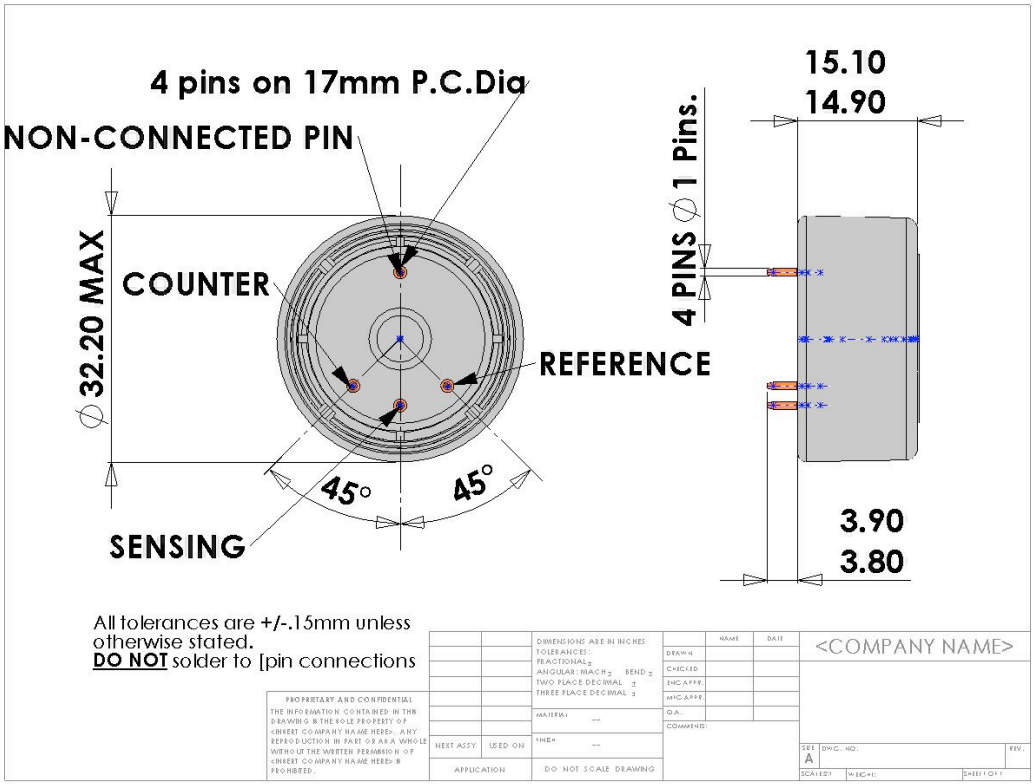
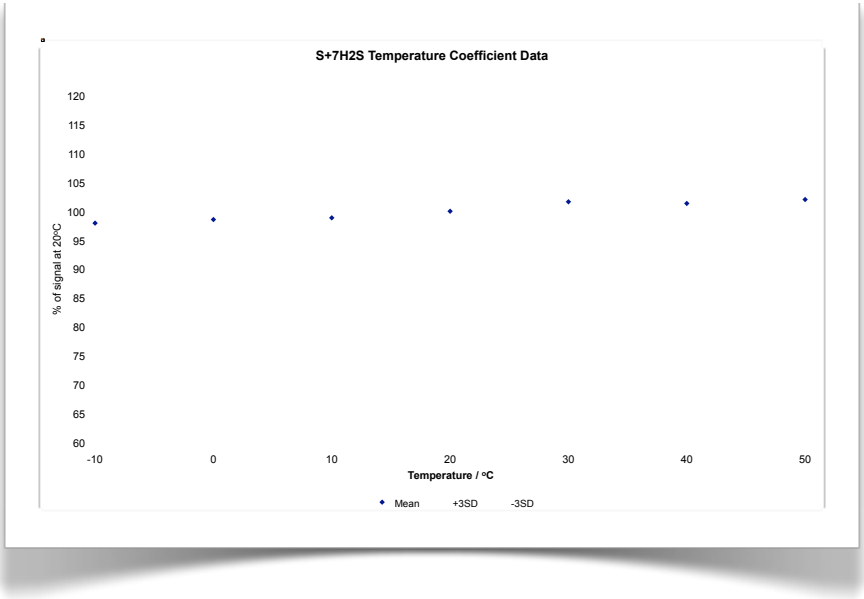
MRB SCIENTIFIC LTD *A fresh approach to gas sensing.*

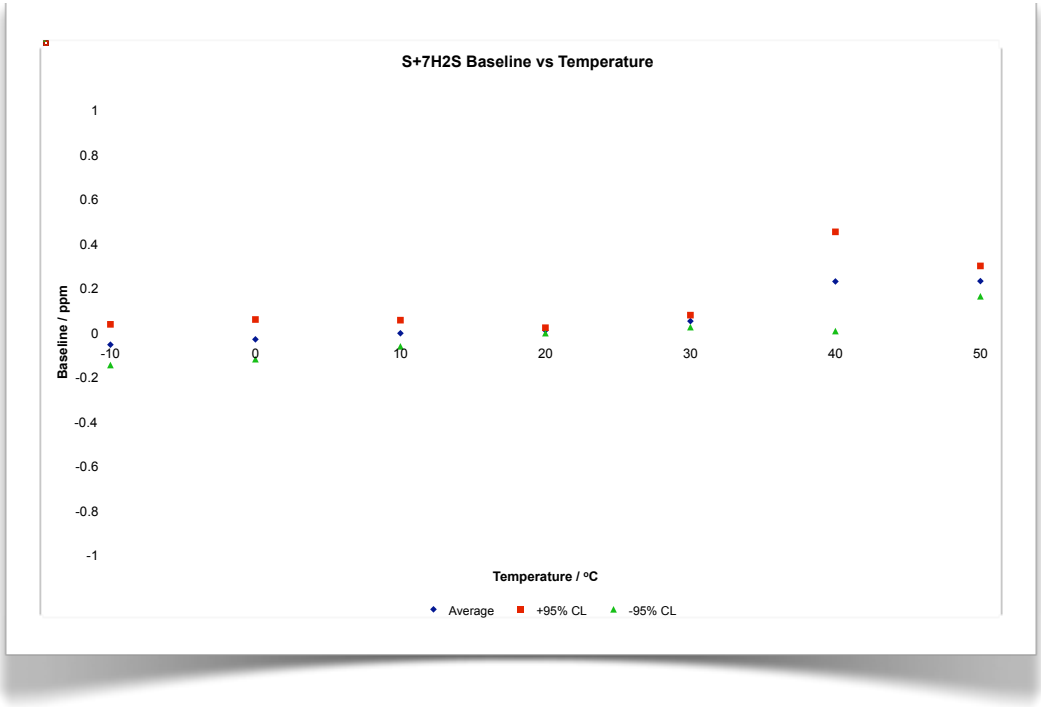
S+7H2S Compact H2S Sensor

Performance Characteristics	
Output signal	370 ± 70 nA / ppm
Typical Baseline Range (pure air)	-2 to +2 ppm equivalent
T90 Response Time	<30 seconds
Nominal Range	0 - 200 ppm
Maximum Overload	1000 ppm
Expected Operating Life	24 months in air
Resolution	0.25 ppm
Temperature Range	-40ºC to + 50ºC
Pressure Range	Atmospheric ± 10%
Long Term Output Drift	< 5% signal loss/ year
Repeatability	<3% of signal
Recommended Load Resistor	10 ohms
Output Linearity	Linear



Cross -Sensitivity Data		
GAS	CONC.	S+7H2S
Carbon Monoxide	300 ppm	<7 ppm
Sulphur dioxide	5 ppm	<1 ppm
Hydrogen	100 ppm	<15 ppm
Nitric Oxide	35 ppm	<1 ppm
Ethylene	100 ppm	0 ppm





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