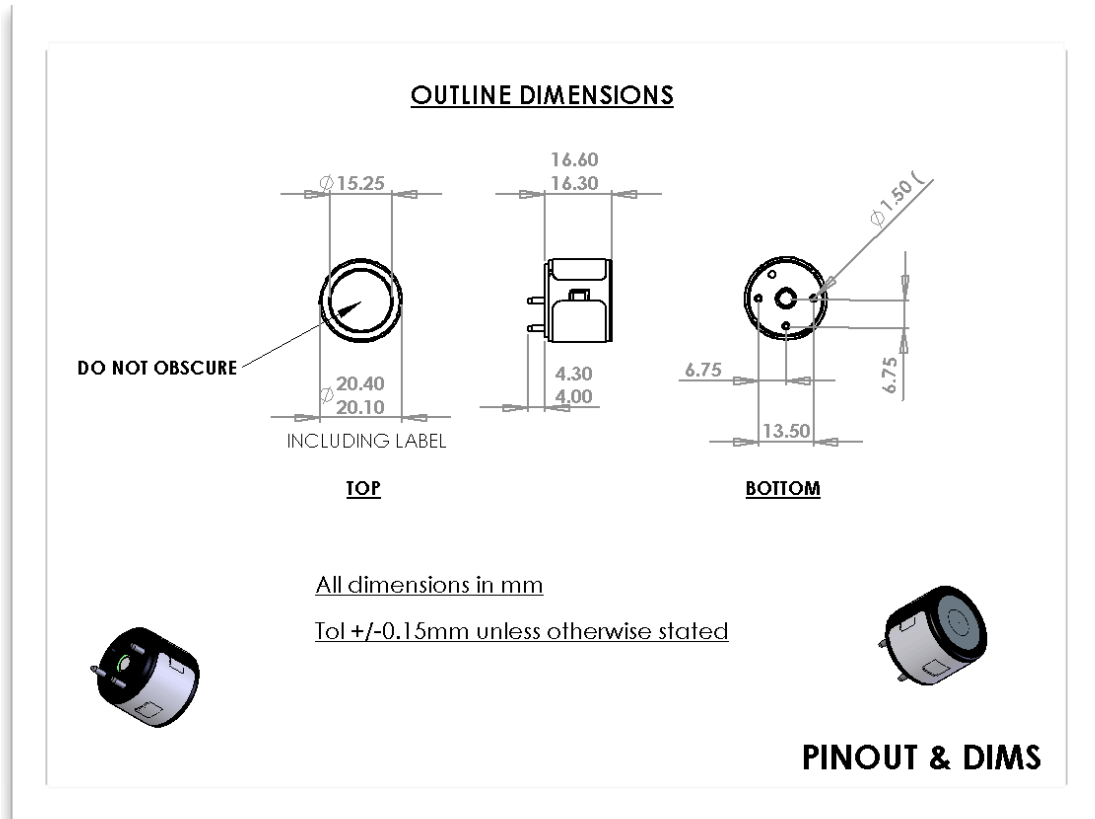


MRB SCIENTIFIC LTD *A fresh approach to gas sensing.*

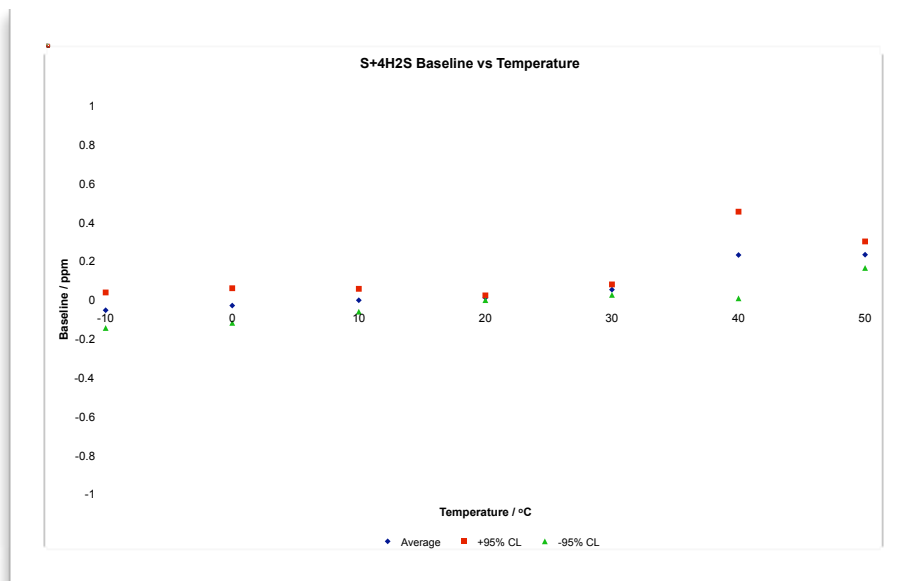
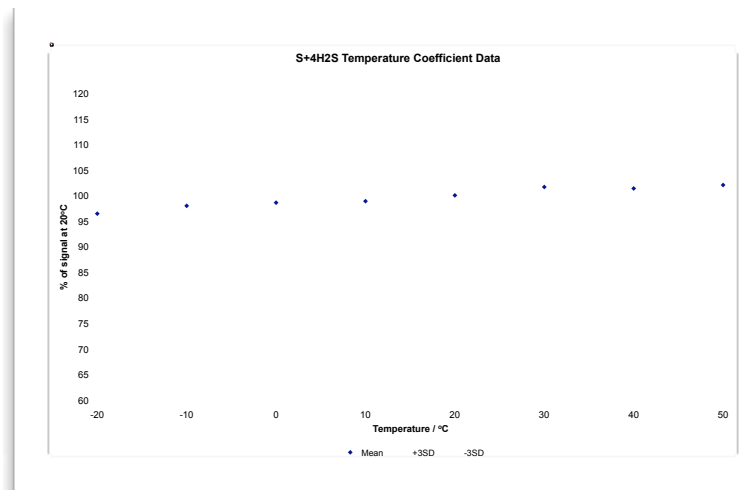
S+4H2S
Minature H2S
Sensor High Output

| Performance Characteristics | |
|-----------------------------------|-----------------------------|
| Output signal | 1200 ± 300 nA / ppm |
| Typical Baseline Range (pure air) | -0.2 to +0.5 ppm equivalent |
| T90 Response Time | <30 seconds |
| Nominal Range | 0 - 100 ppm |
| Maximum Overload | 500 ppm |
| Expected Operating Life | 24 months in air |
| Resolution | 0.1 ppm |
| Temperature Range | -40°C to + 50°C |
| Pressure Range | Atmospheric ± 10% |
| Long Term Output Drift | < 5% signal loss/ year |
| Repeatability | <2% 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+4H2S |
| Carbon Monoxide | 300 ppm | <6 ppm |
| Sulphur dioxide | 5 ppm | 1.5 ppm |
| Hydrogen | 100 ppm | <10 ppm |
| Nitric Oxide | 35 ppm | <1 ppm |
| Ethanol | 200 ppm | -1 ppm |



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