

## SPECIFICATION SHEET FOR CO SENSOR MINI CO-4C

Nominal Range 0 – 500 ppm  
Maximum Overload 1000 ppm  
Expected Operation Life 6 years in air  
Output Signal 50 +/- 15 nA/ppm  
Inboard Filter To remove H<sub>2</sub>S and SO<sub>2</sub>  
Resolution 1 ppm  
Temperature Range - 20 °C to + 50 °C  
Pressure Range Atmospheric +/-10 %  
t<sub>90</sub> Response Time < 25 sec  
Relative Humidity Range 15 % to 90 % R.H. non-condensing  
Typical Baseline Range (pure air, 20°C) - 5 ppm to +5 ppm  
Maximum Zero Shift (+20°C to +40 °C) 10 ppm equivalent  
Expected Long Term Output  
Drift < 2 % signal loss/month  
Recommended Load Resistor 10 Ohm  
Bias Voltage Not required  
Repeatability < 2 % of signal  
Output Linearity Linear

Weight ~ 5.4 g  
Position Sensitivity None  
Storage Life Six months in container  
Recommended Storage Temperature 5 °C – 20 °C  
Warranty Period 12 months from date of dispatch

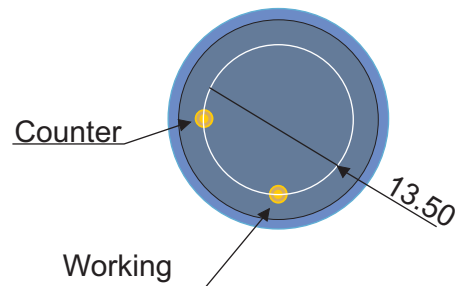
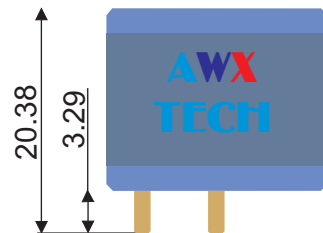
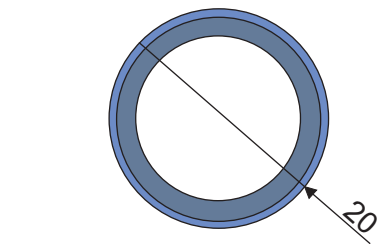
### CROSS-SENSITIVITY DATA

Interfering Gas Concentration Reading  
H<sub>2</sub> 100 ppm < 40 ppm  
H<sub>2</sub>S 10 ppm ~ 0 ppm

Performance data conditions: 20 °C, 50% RH and 1013 mbar

### APPLICATIONS

Residential, Fire Detection, Ventilation Control



All dimensions in mm  
All tolerances +/- 0.15 mm