

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 H₂S and SO₂
Resolution 1 ppm
Temperature Range - 20 °C to + 50 °C
Pressure Range Atmospheric +/-10 %
t₉₀ 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

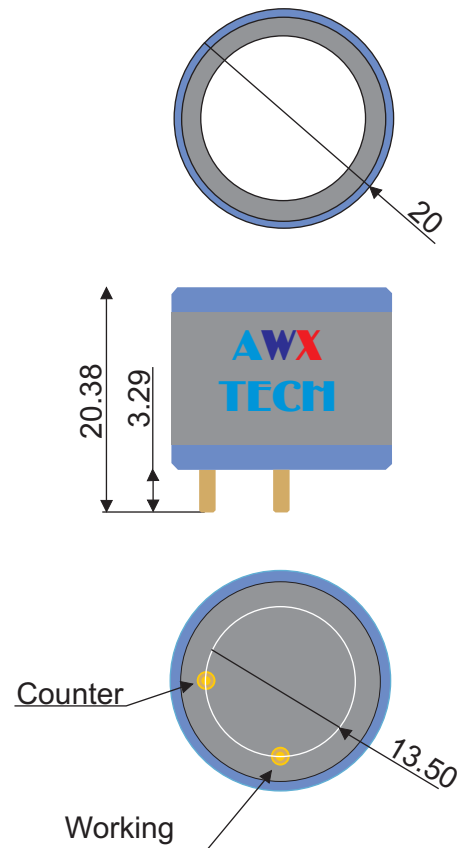
CROSS-SENSITIVITY DATA

Interfering Gas Concentration Reading
H₂ 100 ppm < 40 ppm
H₂S 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