



5F

Product code: 5F

Manufacturer: City Technology

Nominal Range: 0-4000ppm

Maximum Overload: 20 000ppm

Fixed Filter Life: > 200,000ppm hours (1000ppm
NO @ 500ml/min)

Expected Operating Life: Three years in air

Output Signal: $0.030 \pm 0.006 \mu\text{A/ppm}$

Resolution: 1ppm

Temperature Range: -20°C to +50°C

Pressure Range: Atmospheric $\pm 10\%$

Pressure Coefficient: $0.007 \pm 0.003 \%$ signal/mBar

T90 Response Time: <40 seconds

Relative Humidity Range: 15 to 90% non-
condensing

Typical Baseline Range (pure air): -10 to +5ppm
equivalent

Maximum Zero Shift (+20°C to +40°C): -10ppm
equivalent

Long Term Output Drift: <2% signal loss/month

Recommended Load Resistor: 10 Ω

Bias Voltage: Not required

Repeatability: 1% of signal

Output Linearity: Linear

Colour Coding: Red

Life expectancy	> 3 years
Measurement range	0-4000 ppm
Target Gas	Carbon Monoxide
Response Time	< 40 seconds (T90)
Output	$30 \pm 6 \text{ nA/ppm}$