



## 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:** 10Ω

**Bias Voltage:** Not required

**Repeatability:** 1% of signal

**Output Linearity:** Linear

**Colour Coding:** Red

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