



A30Z

Product code: A30Z

Manufacturer: City Technology

Nominal Range: 0-10ppm

Maximum Overload: 100ppm

Expected Operating Life: Two years

Output Signal: $2.2 \pm 0.5 \mu\text{A/ppm}$

Resolution at 20°C: 20ppb

Temperature Range: -20°C to +50°C

Pressure Range: Atmospheric $\pm 10\%$

Pressure Coefficient: No data

T90 Response Time: <40 seconds

Relative Humidity Range: 15 to 90% non-condensing

Typical Baseline Range (pure air): 0 to 0.1ppm equivalent

Maximum Zero Shift (+20°C to +40°C): 0.1ppm equivalent

Typical Long Term Output Drift: <10% signal loss/year in air

Recommended Load Resistor: 33Ω

Bias Voltage: Not required

Repeatability: 1% of signal

Output Linearity: Linear

Life expectancy	> 24 months
Measurement range	0-10 ppm
Target Gas	Ozone Nitrogen dioxide
Response Time	< 40 seconds (T90)
Output	$2.2 \pm 0.5 \mu\text{A/ppm}$