



2EF

Product code: 2EF

Manufacturer: City Technology

MEASUREMENT

Operating Principle: 2-electrode electrochemical

Measurement Range: 0-200 ppm CO

Maximum Overload: 500 ppm CO

Filter: To remove SO₂ and H₂S

Sensitivity: 0.10 ± 0.02 µA/ppm

Resolution: 1 ppm

Response Time (T₉₀): <40 seconds

Baseline Offset (clean air): -1 to +3 ppm equivalent

Zero Shift (+20°C to +40°C): 9 ppm equivalent

Repeatability: 1% of signal

Linearity: Linear

ELECTRICAL

Recommended Load Resistor: 10 Ω

Bias Voltage: Not Required

MECHANICAL

Weight: 22 g

Orientation: Any

ENVIRONMENTAL

Operating Temperature Range: -20°C to +50°C

Recommended Storage Temp: 0°C to 20°C

Operating Pressure Range: Atmospheric ± 10%

Operating Humidity Range: 15 - 90% RH non-condensing

LIFETIME

Long Term Sensitivity Drift: <5% signal loss/year

Expected Operating Life: Two years in air

Storage Life: 6 months in CTL container

Life expectancy

> 24 months



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Measurement range	0-200 ppm
Target Gas	Carbon Monoxide
Response Time	< 40 seconds (T90)
Output	100 ± 20 nA/ppm