



4ETO

Codice prodotto: 4ETO

Produttore: City Technology

MEASUREMENT

Operating Principle: 3-electrode electrochemical

Measurement Range: 0-20 ppm C₂H₄O

Maximum Overload: 100 ppm C₂H₄O

Resolution (Electronics dependent): 0.1 ppm

Filter: None

Sensitivity: 1.9 ± 0.5 mA/ppm

Response Time (T₉₀): < 120 seconds

Baseline Offset (clean air): 0 to +3 ppm equivalent

Zero Shift (+20°C to +40°C): < 4 ppm equivalent

Repeatability: 2% of signal

Linearity: Linear

ELECTRICAL

Recommended Load Resistor: 10 Ω

Bias Voltage: +300 mV

MECHANICAL

Housing Material: ABS

Weight: 5g (approx.)

Orientation: Any

ENVIRONMENTAL

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

Operating Pressure Range: 1 atm $\pm$ 10%

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

LIFETIME

Long Term Output Drift: < 5% signal drift / year

Recommended Storage Temp: 0 to 20°C

Expected Operating Life: 2 years in air

Storage Life: 6 months in sealed container



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Range di misura	0-20 ppm
Target Gas	Ossido di Etilene
Tempo di Risposta	< 120 secondi (T90)
Uscita	1.9 ± 0.5 µA/ppm