



5NF

Codice prodotto: 5NF

Produttore: City Technology

MEASUREMENT

Operating Principle: 4-electrode electrochemical

Measurement Range: 0-1000 ppm NO

Maximum Overload: 5000 ppm NO

Filter: To remove effect of SO₂

Filter Life: 25,000 ppm hours (1000 ppm SO₂ at 200 ml/min)

Sensitivity: 0.10 ± 0.02 µA/ppm

Resolution: 1 ppm

Response Time (T₉₀): < 30 seconds

Baseline Offset (clean air): 0 to 12 ppm equivalent

Maximum Zero Shift (+20°C to +40°C): 30 ppm equivalent

Repeatability: 2% of signal

Linearity: Linear

ELECTRICAL

Recommended Load Resistor: 10 Ω

Bias Voltage: +300 mV

MECHANICAL

Weight: 13 g nominal

Orientation: Any

ENVIRONMENTAL

Operating Temperature Range: -20°C to +40°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: <2% signal loss/month

Expected Operating Life: Three years in air



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Storage Life: 6 months in CTL container

Life expectancy	> 3 anni
Range di misura	0-1000 ppm
Target Gas	Monossido di Azoto
Tempo di Risposta	< 30 secondi (T90)
Uscita	100 ± 20 nA/ppm