



NX1

Codice prodotto: NX1

Produttore: City Technology

Operating Principle: 3-electrode electrochemical

Measurement Range: 0-5,000 ppm NO

Filter: To remove effect of SO₂ in gas stream

Sensitivity: 0.05 ± 0.01 µA/ppm

Response Time (T₉₅): <8 Seconds at 20°C

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

Zero Shift (0°C to +40°C): <30 ppm equivalent

Resolution: Dependent on electronics (1 ppm when used with recommended electronics)

Repeatability: 2% of signal

Linearity: Linear

Recommended Load Resistor: 10 Ω

Bias Voltage: +300 mV

Weight: 32 g (nominal)

Housing Material: ABS

Orientation: Any

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

Recommended Storage Temp: 0°C to 25°C in CTL packaging

Operating Pressure Range: 800 to 1100 mBar

Pressure Coefficient: 0.02% signal/mBar

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

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

Storage Life: 6 months in CTL container

Life expectancy

> 6 mesi

Range di misura

0-5000 ppm



Tecnosens S.p.A.
Via Vergnano,16 25125
Brescia (BS) Italia

Tel: (+39) 030 3534144
Fax: (+39) 030 3530815
info@tecnosens.it
PEC: tecnosens@legalmail.it

Target Gas	Monossido di Azoto
Tempo di Risposta	< 8 Secondi (T95)
Uscita	50 ± 10 nA/ppm