



A3E/F

Codice prodotto: A3E/F

Produttore: City Technology

Nominal Range: 0-2000ppm

Maximum Overload: 4000ppm

Output Signal: $0.075 \pm 0.025 \mu\text{A/ppm}$

Typical Baseline Range (pure air): -2 to +17ppm equivalent

Bias Voltage: 20 or +250mV

Recommended Gain: 0.5 to 2.5

Weight: 26g

Inboard Filter: To remove acid gases/alcohol

Auxiliary Electrode: To compensate for H₂ crossinterference

Expected Operating Life: 3 years

Resolution: 1ppm

Temperature Range: -20°C to +50 °C

Operating Range: 800-1200mBar

Storage Range: 800-1200mBar

Max Diff (capillary to amb.): $\pm 100\text{mBar}$

Pressure Coefficient: 0.02% signal/mBar

T90 Response Time: <40 seconds

Relative Humidity Range: 15% to 90% non-condensing

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

Repeatability: 2% of signal

Output Linearity: Linear

Life expectancy	> 3 anni
Range di misura	0-2000 ppm
Target Gas	Monossido di Carbonio
Tempo di Risposta	< 40 secondi (T90)
Uscita	$75 \pm 25 \text{ nA/ppm}$