



3MF

Codice prodotto: 3MF

Produttore: City Technology

MEASUREMENT

Operating Principle: 3-electrode electrochemical

Measurement Range: 0-40,000 ppm CO

Maximum Overload: 100,000 ppm CO

Filter: High capacity filter to remove acid gases from flue stream

Sensitivity: $0.007 \pm 0.002 \mu\text{A/ppm}$

Resolution: 10 ppm

Response Time (T90): <30 seconds

Baseline Offset (clean air): -20 to +30 ppm equivalent

Zero Shift (+20°C to +40°C): <200 ppm equivalent

Repeatability: 4% 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 \pm 10%

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

LIFETIME

Long Term Sensitivity Drift: <2% signal loss/year

Expected Operating Life: three years in air

Storage Life: 6 months in CTL container



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

Life expectancy	> 3 anni
Range di misura	0-40.000 ppm
Target Gas	Monossido di Carbonio
Tempo di Risposta	< 30 secondi (T90)
Uscita	7 ± 2 nA/ppm