



3SFF

Codice prodotto: 3SFF

Produttore: City Technology

MEASUREMENT

Operating Principle: 3-electrode electrochemical

Nominal Range: 0-2000 ppm SO₂

Maximum Overload: 5000 ppm SO₂

Filter: To remove H₂S & HCl

Sensitivity: 0.10 ± 0.02 µA/ppm

Response Time (T₉₀): <35 Seconds

Baseline Offset (clean air): ±2 ppm equivalent

Zero Shift (+20°C to +40°C): <5 ppm equivalent

Resolution: 1 ppm (electronics dependant)

Repeatability: 1% of signal

Output Linearity: Linear

ELECTRICAL

Recommended Load Resistor: 10 Ω

Bias Voltage: Not Required

MECHANICAL

Weight: 22 g

Housing Material: Glass filled polypropylene

Orientation: Any

ENVIRONMENTAL

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

Recommended Storage Temp: 0°C to 20°C

Operating Pressure Range: Atmospheric ± 10%

Pressure Coefficient: 0.004 % signal/mBar

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

LIFETIME

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

Expected Operating Life: Two years in air

Storage Life: 6 months in CTL container



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Life expectancy	> 24 mesi
Range di misura	0-2000 ppm
Target Gas	Anidride Solforosa
Tempo di Risposta	< 35 secondi (T90)
Uscita	100 ± 20 nA/ppm