



3CLH

Codice prodotto: 3CLH

Produttore: City Technology

MEASUREMENT

Operating Principle: 3-electrode electrochemical

Measurement Range: 0-20 ppm Cl₂

Maximum Overload: 250 ppm Cl₂

Filter: None

Sensitivity: 1.00 ± 0.25 mA/ppm

Resolution: 0.1 ppm

Response Time (T80): < 60 s

Baseline Offset (clean air): 0 to +0.5 ppm equivalent

Zero Shift (+20°C to +40°C): -0.2 ppm equivalent

Repeatability: 2% of signal

Linearity: Linear

ELECTRICAL

Recommended Load Resistor: 33 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 ± 10%

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



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	> 24 mesi
Range di misura	0-20 ppm
Target Gas	Cloro
Tempo di Risposta	< 60 secondi (T80)
Uscita	1 ± 0.25 µA/ppm