



3CLH

Product code: 3CLH

Manufacturer: 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



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Life expectancy	> 24 months
Measurement range	0-20 ppm
Target Gas	Chlorine
Response Time	< 60 seconds (T80)
Output	1 ± 0.25 µA/ppm