



## 3ETO

**Codice prodotto:** 3ETO

**Produttore:** City Technology

### MEASUREMENT

**Operating Principle:** 3-electrode electrochemical

**Measurement Range:** 0-20 ppm C<sub>2</sub>H<sub>4</sub>O

**Maximum Overload:** 100 ppm C<sub>2</sub>H<sub>4</sub>O

**Filter:** None

**Sensitivity:** 2.75 ± 0.5 mA/ppm

**Resolution:** 0.1 ppm

**Response Time (T<sub>90</sub>):** < 140 seconds

**Baseline Offset (clean air):** 0 to +1 ppm equivalent

**Zero Shift (+20°C to +40°C):** 2 ppm equivalent

**Repeatability:** 1% of signal

### ELECTRICAL

**Recommended Load Resistor:** 10 Ω

**Bias Voltage:** +300 mV

### 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:** <5% signal loss/year

**Expected Operating Life:** Two years in air

**Storage Life:** 6 months in CTL container

**Life expectancy**

> 24 mesi



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<b>Range di misura</b>	0-20 ppm
<b>Target Gas</b>	Ossido di Etilene
<b>Tempo di Risposta</b>	< 140 secondi (T90)
<b>Uscita</b>	2.75 ± 0.5 $\mu$ A/ppm