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## CI2 3E 10

**Product code:** CI2 3E 10

**Manufacturer:** City Technology

**Measuring Range:** 0-10 ppm; typically: 0-5 ppm

**Sensitivity Range:** 450 nA/ppm  $\pm$  200 nA/ppm  
(negative current)

**Zero Current at 20°C:**  $< \pm 20$  nA

**Resolution at 20°C:**  $< 0.05$  ppm

**Bias Potential:** 0 mV

**Linearity:**  $< 5\%$  full scale

### Response Time at 20°C:

- t50  $< 30$  s calculated from 2 min. exposure time
- t90  $< 60$  s calculated from 2 min. exposure time

**Long Term Sensitivity Drift:**  $< 10\%$  per 6 months

### Operation Conditions

**Temperature Range:**  $-20^{\circ}\text{C}$  to  $+ 40^{\circ}\text{C}$

**Humidity Range:** 15-90% r.H., non-condensing

**Effect of Humidity:** no effect on zero current

**Sensor Life Expectancy:**  $> 24$  months in air

**Warranty:** 12 months

Life expectancy	$> 4$ years
Measurement range	0-10 ppm
Target Gas	Chlorine
Response Time	$< 60$ seconds (T90)
Output	$450 \pm 200$ nA/ppm