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## COC12 3E 1

**Product code:** COC12 3E 1

**Manufacturer:** City Technology

**Measuring Range:** 0-1 ppm

**Sensitivity Range:** 650 nA/ppm  $\pm$  150 nA/ppm

**Zero Current at 20°C:**  $< \pm 10$  nA

**Resolution at 20°C:**  $< 0.02$  ppm

**Bias Potential:** 0 mV

**Linearity:**  $< 10\%$  full scale

**Response Time at 20°C:**

- $t_{50} < 60$  s calculated from 2 min. exposure time at 40% r.H.
- $t_{90} < 120$  s calculated from 2 min. exposure time at 40% r.H.

**Long Term Sensitivity Drift:**  $< 5\%$  per 6 months

**Operation Conditions**

**Temperature Range:** -20°C to +40°C

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

**Effect of Humidity:** no effect

**Sensor Life Expectancy:**  $> 12$  months

**Warranty:** 7 months

<b>Life expectancy</b>	$> 12$ months
<b>Measurement range</b>	0-1 ppm
<b>Target Gas</b>	Phosgene
<b>Response Time</b>	$< 120$ seconds (T90)
<b>Output</b>	$650 \pm 150$ nA/ppm