

## O3 3E 1 F

**Product code:** O3 3E 1 F

**Manufacturer:** City Technology



**Measuring Range:** 0-1 ppm

**Sensitivity Range:** 450 +/- 150 nA/ppm (negative signal)

**Zero Current at 20°C:** < ± 10 nA

**Resolution at 20°C:** < 0.03 ppm

**Bias Potential:** 0 mV

**Linearity:** < 10% full scale

**Response Time at 20°C:**

t50 < 15 s calculated from 3 min. exposure time1)

t90 < 60 s calculated from 3 min. exposure time1)

**Long Term Sensitivity Drift:** < 5% per month

**Temperature Range:** -20°C to +40°C

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

**Effect of Humidity:** abrupt changes will cause a short term drift

**Sensor Life Expectancy:** > 18 months

<b>Life expectancy</b>	> 18 months
<b>Measurement range</b>	0-1 ppm
<b>Target Gas</b>	Ozone
<b>Response Time</b>	< 60 seconds (T90)
<b>Output</b>	450 ± 150 nA/ppm