

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

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