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## CO 3E 300

**Product code:** CO 3E 300

**Manufacturer:** City Technology

**Measuring Range:** 0-500 ppm

**Sensitivity Range:** 70 nA/ppm  $\pm$  20 nA/ppm

**Zero Current at 20°C:** < 150 nA

**Resolution at 20°C:** < 3 ppm

**Bias Potential:** 0 mV

**Linearity:** < 5% full scale

**Response Time at 20°C:**

- t50 < 10 s calculated from 2 min. exposure time
- t90 < 30 s calculated from 2 min. exposure time

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

**Operation Conditions**

**Temperature Range:** -40°C to + 50°C

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

**Effect of Humidity:** no effect on base line shift, longer exposure to dry gas might decrease the sensitivity

**Sensor Life Expectancy:** > 4 years

**Warranty:** 24 months

<b>Life expectancy</b>	> 4 years
<b>Measurement range</b>	0-500 ppm
<b>Target Gas</b>	Carbon Monoxide
<b>Response Time</b>	< 40 seconds (T90)
<b>Output</b>	70 $\pm$ 20 nA/ppm