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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

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