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NO2 3E 50

Product code: NO2 3E 50

Manufacturer: City Technology

Measuring Range: 0-50 ppm

Sensitivity Range: 200 nA/ppm \pm 40 nA/ppm
(negative signal)

Zero Current at 20°C: $< \pm$ 20 nA

Resolution at 20°C: $<$ 0.1 ppm

Bias Potential: 0 mV

Linearity: $<$ 5% full scale

Response Time at 20°C:

- t50 $<$ 10 s calculated from 4 min. exposure time
- t90 $<$ 30 s calculated from 4 min. exposure time

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

Operation Conditions

Temperature Range: -20°C to +40°C

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

Effect of Humidity: an abrupt change of r.H. will cause a short term drift of zero reading

Sensor Life Expectancy: $>$ 24 months in air

Warranty: 12 months

Life expectancy	$>$ 24 months
Measurement range	0-50 ppm
Target Gas	Nitrogen dioxide
Response Time	$<$ 30 seconds (T90)



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Output

200 ± 40 nA/ppm