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H2 3E 1%

Product code: H2 3E 1%

Manufacturer: City Technology

Measuring Range: 0–10000 ppm

Sensitivity Range: 10 nA/ppm \pm 5 nA/ppm

Zero Current at 20°C: $< \pm$ 250 nA

Resolution at 20°C: $<$ 20 ppm

Bias Potential: 0 V

Linearity: $<$ 5% full scale

Response Time at 20°C:

- t50 $<$ 40 s calculated from 2 min. exposure time
- t90 $<$ 70 s calculated from 2 min. exposure time

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

Operation Conditions

Temperature Range: -20°C to +40°C

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

Effect of Humidity: no effect

Sensor Life Expectancy: $>$ 24 months

Warranty: 18 months

Life expectancy	$>$ 24 months
Measurement range	0–10.000 ppm
Target Gas	Hydrogen
Response Time	$<$ 70 seconds (T90)
Output	10 \pm 5 nA/ppm