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## H2 3E 4%

**Product code:** H2 3E 4 %

**Manufacturer:** City Technology

**Measuring Range:** 0-4% (100% LEL)

**Sensitivity Range:** 1 nA/ppm  $\pm$  0.5 nA/ppm

**Zero Current at 20°C:** <  $\pm$  100 nA

**Resolution at 20°C:** < 100 ppm

**Bias Potential:** 0 mV

**Linearity:** < 10% full scale

### Response Time at 20°C:

- t50 < 40 s calculated from 2 min. exposure time \*
- t90 < 40 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

|                          |                      |
|--------------------------|----------------------|
| <b>Life expectancy</b>   | > 24 months          |
| <b>Measurement range</b> | 0-40.000 ppm         |
| <b>Target Gas</b>        | Hydrogen             |
| <b>Response Time</b>     | < 60 seconds (T90)   |
| <b>Output</b>            | 1.0 $\pm$ 0.5 nA/ppm |