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## HCl 3E 30

**Product code:** HCl 3E 30

**Manufacturer:** City Technology

**Measuring Range:** 0-30 ppm

**Sensitivity Range:** 140 nA/ppm  $\pm$  60 nA/ppm

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

**Resolution at 20°C:**  $<$  0.7 ppm

**Bias Potential:** 200 mV

**Linearity:**  $<$  5% full scale

**Response Time at 20°C:**

- t50  $<$  30 s calculated from 4 min. exposure time
- t90  $<$  70 s calculated from 4 min. exposure time

**Long Term Sensitivity Drift:**  $<$  3% month

**Operation Conditions**

**Temperature Range:** -20°C to +40°C

**Humidity Range:** 15-95% r.H., non-condensing

**Effect of Humidity:** High humidity causes HCl absorption

**Sensor Life Expectancy:**  $>$  24 months

**Warranty:** 12 months

<b>Life expectancy</b>	$>$ 24 months
<b>Measurement range</b>	0-30 ppm
<b>Target Gas</b>	Hydrogen Chloride
<b>Response Time</b>	$<$ 70 seconds (T90)
<b>Output</b>	140 $\pm$ 60 nA/ppm