



## NH3 3E 5000 SE

**Codice prodotto:** NH3 3E 5000 SE

**Produttore:** City Technology

Amperometric 3 electrode sensor cell

**Measuring Range:** 0-5000 ppm

**Sensitivity Range:** 4 nA/ppm  $\pm$  2 nA/ppm

**Zero Current at 20°C:**  $<\pm$  100 nA, typically 40 nA

**Resolution at 20°C** <50 ppm, typically 20 ppm

**Bias Potential:** 0 mV

**Linearity:** <10% full scale

### Response Time at 20°C

t50: <30 s calculated from 5 min. exposure time

t90: <90 s calculated from 5 min. exposure time

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

**Temperature Range:** -20°C to +40°C

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

### Effect of Humidity:

no effect on zero reading during abrupt changes of RH

**Expected Operating Life:** > 24 months in air

<b>Life expectancy</b>	> 24 mesi
<b>Range di misura</b>	0-5000 ppm
<b>Target Gas</b>	Ammoniaca
<b>Tempo di Risposta</b>	< 90 secondi (T90)
<b>Uscita</b>	4 $\pm$ 2 nA/ppm