



## NH3 3E 1000

**Codice prodotto:** NH3 3E 1000

**Produttore:** City Technology

Amperometric 3 electrode sensor cell

**Measuring Range:** 0-1000 ppm

**Sensitivity Range:** 6 nA/ppm  $\pm$  3 nA/ppm

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

**Resolution at 20°C:**  $<$ 15 ppm

**Bias Potential:** 0 mV

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

**Response Time at 20°C:**

t50:  $<$ 20 s calculated from 5 min. exposure time

t90:  $<$ 120 s calculated from 5 min. exposure time

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

**Temperature Range:** -40°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:**  $>$  18 months in air

<b>Life expectancy</b>	$>$ 18 mesi
<b>Range di misura</b>	0-1000 ppm
<b>Target Gas</b>	Ammoniaca
<b>Tempo di Risposta</b>	$<$ 120 secondi (T90)
<b>Uscita</b>	$6 \pm 3$ nA/ppm