



## NH3 3E 1000 SE

**Codice prodotto:** NH3 3E 1000 SE

**Produttore:** City Technology

Amperometric 3 electrode sensor cell

**Measuring Range:** 0-1000 ppm

**Sensitivity Range:** 8 nA/ppm  $\pm$  4 nA/ppm

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

**Resolution at 20°C:**  $<12$  ppm

**Bias Potential:** 0 mV

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

**Response Time at 20°C:**

t50:  $<20$  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:**  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$

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

**Effect of Humidity:**

no effect on zero reading

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

Life expectancy	$> 24$ mesi
Range di misura	0-1000 ppm
Target Gas	Ammoniaca
Tempo di Risposta	$< 90$ secondi (T90)
Uscita	$8 \pm 4$ nA/ppm