



NH3 3E 500 SE

Codice prodotto: NH3 3E 500 SE

Produttore: City Technology

Amperometric 3 electrode sensor cell

Measuring Range: 0-500 ppm

Sensitivity Range: 35nA/ppm $\pm$ 15nA/ppm

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

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: $<5\%$ 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

Life expectancy	> 24 mesi
Range di misura	0-500 ppm
Target Gas	Ammoniaca
Tempo di Risposta	< 90 secondi (T90)
Uscita	35 ± 15 nA/ppm