



GS+7NH3-100

Product code: GS+7NH3-100

Manufacturer: DD Scientific

Electrochemical cell for ammonia. Ideally for industrial application, in particular for fixed gas detectors.

Range 0 - 100 ppm

Typical Baseline Range (pure air) ± 1 ppm NH₃ equivalent

Output Signal 115 ± 45 nA/ppm

Linearity Linear

Response Time, T₉₀ < 40 s

Maximum Overload 200 ppm

Long-term Output Drift < 20% per annum

Recommended Load Resistor 10 ohms

Repeatability $\pm 10\%$

Life expectancy	> 24 months
Measurement range	0-100 ppm
Target Gas	Ammonia
Response Time	< 40 seconds (T ₉₀)
Output	115 ± 45 nA/ppm