Apollo



NH3-B1 Ammonia Sensor

-Worker

-location pin

Counter

13.5

17.0 PCD

Ø32.3 including label

AMMONIA

Ø

NH3-B1 12345578

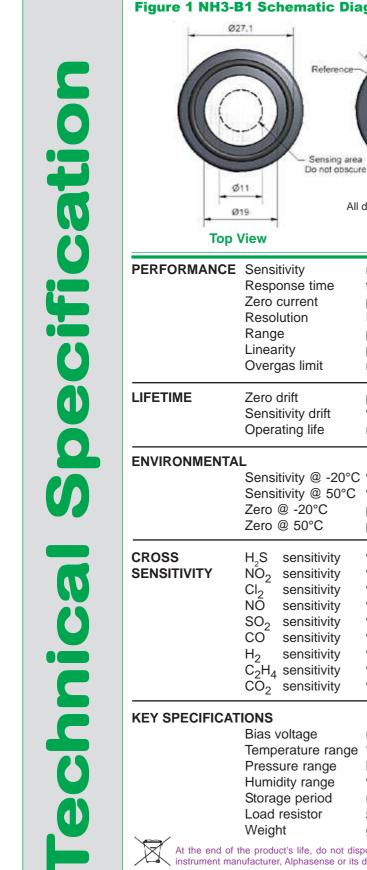
6.5

999

45



Figure 1 NH3-B1 Schematic Diagram



Ø19	All dimensions in millimetres (± 0.15mm)	1 recess
Top View	Bottom View	Side View	Ø2.8
MANCE Sensitivity Response time Zero current Resolution Range Linearity Overgas limit	nA/ppm in 50ppm NH_3 t ₉₀ (s) from zero to 50ppm N ppm equivalent in zero air RMS noise (ppm equivalent) ppm NH_3 limit of performanc ppm error at full scale, linear maximum ppm for stable res	e warranty at zero and 7	< ± 10 < 0.3 100 0ppm NH ₃ +5 to -5
Zero drift Sensitivity drift Operating life	ppm equivalent change/year % change/year in lab air, mo months until 80% original sig	nthly test	< 2 < 3 warranted) > 24
MENTAL Sensitivity @ -20° Sensitivity @ 50°C Zero @ -20°C Zero @ 50°C	C % (output @ -20°C/output @ C % (output @ 50°C/output @ ppm equivalent change from ppm equivalent change from	20°C) @ 20pp 20°C	
$\begin{array}{c} \text{H}_2 S & \text{sensitivity} \\ \text{NO}_2 & \text{sensitivity} \\ \text{Cl}_2 & \text{sensitivity} \\ \text{NO} & \text{sensitivity} \\ \text{NO} & \text{sensitivity} \\ \text{SO}_2 & \text{sensitivity} \\ \text{CO} & \text{sensitivity} \\ \text{CO} & \text{sensitivity} \\ \text{H}_2 & \text{sensitivity} \\ \text{CO}_2 \text{H}_4 & \text{sensitivity} \\ \text{CO}_2 & \text{sensitivity} \end{array}$	% measured gas @ 20ppm % measured gas @ 20ppm % measured gas @ 10ppm % measured gas @ 50ppm % measured gas @ 20ppm % measured gas @ 400ppm % measured gas @ 400ppm % measured gas @ 5%	SO ₂ CO H ₂	< -200 < -200 < -400 < -300 < -300 < 20 < 15 nd nd
CIFICATIONS Bias voltage Temperature rang Pressure range Humidity range Storage period Load resistor Weight the end of the product's life, do not of rument manufacturer, Alphasense of	kPa % rh continuous months @ 3 to 20°C (stored Ω (recommended) g lispose of any electronic sensor, compone	in sealed pot)	-30 to 50 80 to 120 15 to 90 6 10 to 47 < 13

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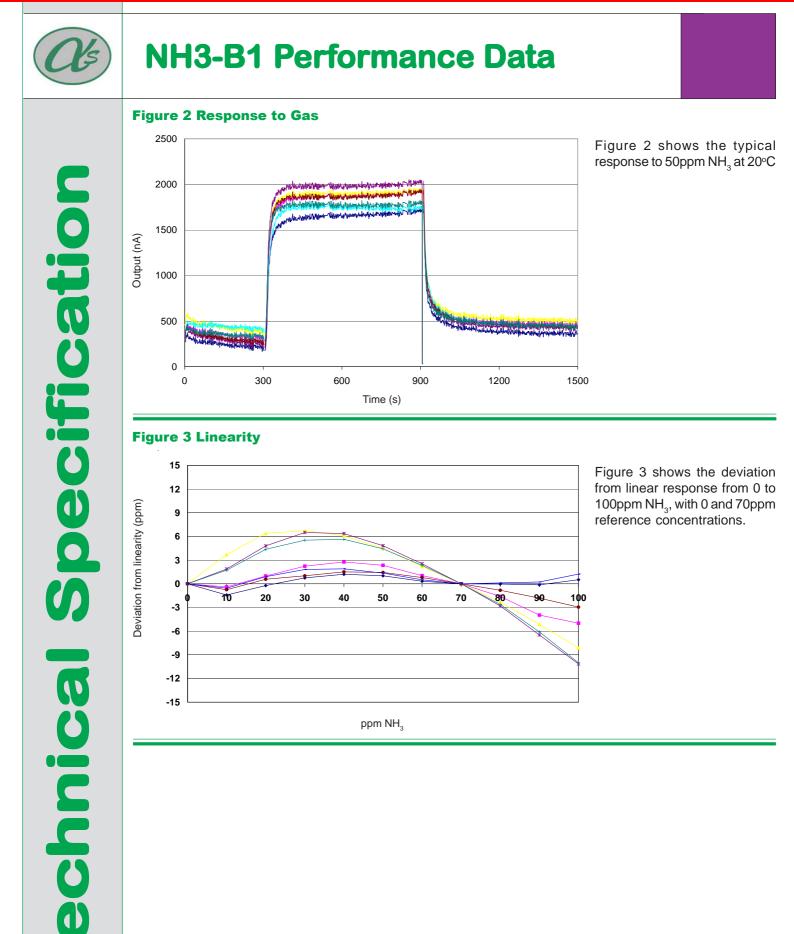
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