Sweek.com

NO		ic Oxide Sensor Concentration	NITRIC OXIT
Ø10 Ø16		Worker Worker Counter Ø20.2 including label NITRIC OXIDE NO-AE 12345 Ø1.5 Mo-AE 12345 Ø1.5 Mo-AE 12345 Ø1.5	0.7 recess
Top View		Bottom View Side View	
PERFORMANCE	Sensitivity Response time Zero current Resolution Range Linearity Overgas limit	nA/ppm in 250ppm NO t_{90} (s) from zero to 250ppm NO ppm equivalent in zero air RMS noise (ppm equivalent) ppm NO limit of performance warranty ppm error at full scale, linear at zero and 100 maximum ppm for stable response to gas pu	
LIFETIME	Zero drift Sensitivity drift Operating life	ppm equivalent change/year in lab air % change/year in lab air, monthly test months until 80% original signal (24 month v	nc nc warranted) > 24
ENVIRONMENTA			
		% (output @ -20°C/output @ 20°C) @ 50pp % (output @ 50°C/output @ 20°C) @ 50ppr ppm equivalent change from 20°C ppm equivalent change from 20°C	
CROSS SENSITIVITY	$\begin{array}{lll} H_2S & sensitivity \\ NO_2 & sensitivity \\ CI_2 & sensitivity \\ SO_2 & sensitivity \\ CO & sensitivity \\ H_2 & sensitivity \\ C_2H_4 & sensitivity \\ NH_3 & sensitivity \\ CO_2 & sensitivity \end{array}$		< 50 < 20 < 25 < 5 < 0.1 < 0.1 < 0.1 < 0.1 < 0.1
KEY SPECIFICAT	TIONS		
		°C kPa % rh continuous months @ 3 to 20°C (stored in sealed pot) mV (working electrode potential is above gro Ω (recommended) g spose of any electronic sensor, component or instrument in the its distributor for disposal instructions.	10 to 47 < 6
NOTE: all sensors are tested a	at ambient environmental conditior	ns, with 10 ohm load resistor, unless otherwise stated. As applications of use test under their own conditions, to ensure that the sensors are suitable for the	

iSweek www.isweek.com

Add: 16/F, Bldg. #3, Zhongke Mansion, No.1 Hi-Tech S. Rd, Hi-Tech Park South, Shenzhen, Guangdong, 518067 P.R.China

Tel: + 86-755-83289036 Fax: + 86-755-83289052 E-mail: sales@isweek.com

Sweek.com

NO-AE Performance Data

Figure 2 Sensitivity Temperature Dependence

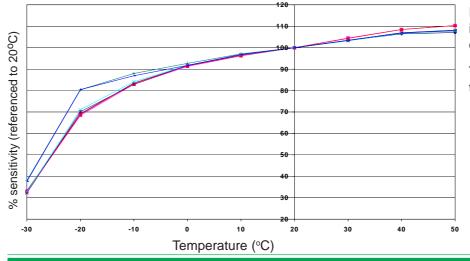


Figure 2 shows the variation in sensitivity caused by changes in temperature.

This data is taken from a typical batch of sensors.

Figure 3 Zero Temperature Dependence

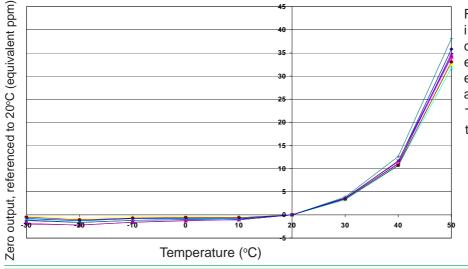
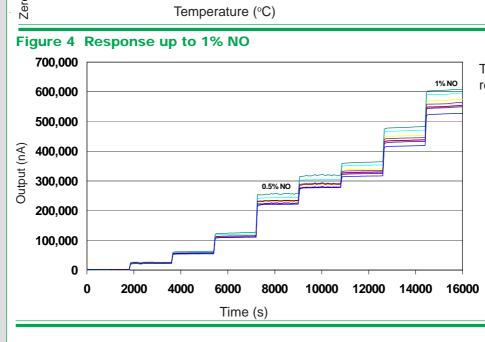


Figure 3 shows the variation in zero output caused by changes in temperature, expressed as ppm gas equivalent, referenced to zero at 20°C.

This data is taken from a typical batch of sensors.



The NO-AE shows fast, stable response from 0 to 1% NO.

iSweek www.isweek.com

pecification

echnica

Add: 16/F, Bldg. #3, Zhongke Mansion, No.1 Hi-Tech S. Rd, Hi-Tech Park South, Shenzhen, Guangdong, 518067 P.R.ChinaTel: + 86-755-83289036Fax: + 86-755-83289052E-mail: sales@isweek.com