Sweek.com

< 15

± 0.7

< 0.2

20

< 5

50

< 0.2

> 24

< 400

< -60

< 0.5

< 0.2

< 15

< 0.1

< 0.1

6

22

< 2

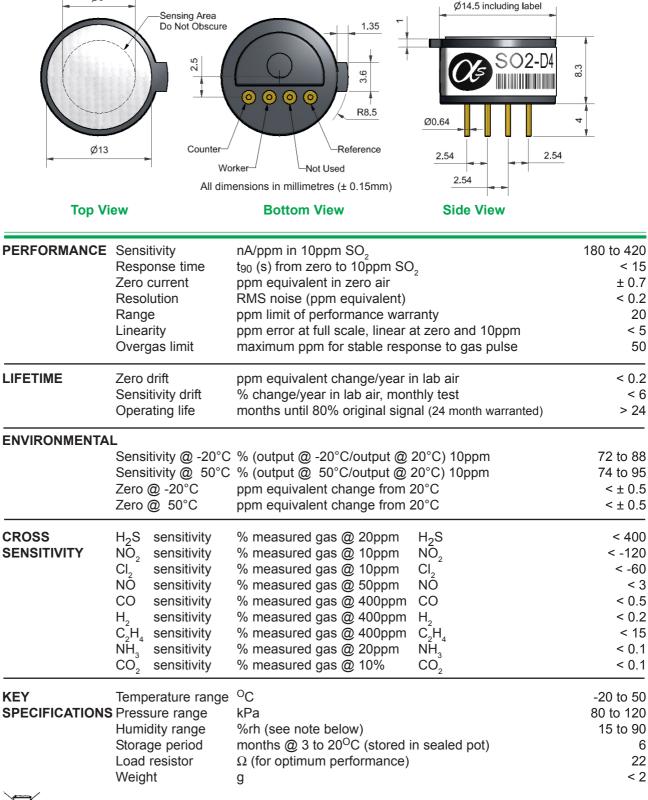
< 3

< 6

SO2-D4 Sulfur Dioxide Sensor **Miniature Size**

Figure 1 SO2-D4 Schematic Diagram

Ø9



At the end of the product's life, do not dispose of any electronic sensor, component or instrument in the domestic waste, but contact the instrument manufacturer, Alphasense or its distributor for disposal instructions.

NOTE: all sensors are tested at ambient environmental conditions, with 47 ohm load resistor, unless otherwise stated. As applications of use are outside our control, the information provided is given without legal responsibility. Customers should test under their own conditions, to ensure that the sensors are suitable for their own requirements.

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



SO2-D4 Perfomance Data

Figure 2 Sensitivity Temperature Dependence

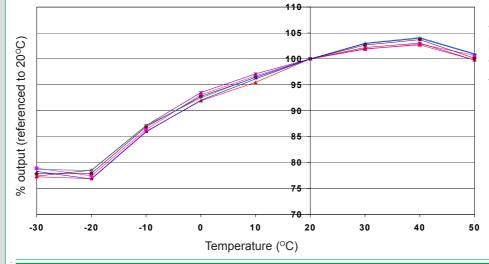


Figure 2 shows the variation in sensitivity caused by changes in temperature.

This data is taken from a typical batch of sensors.



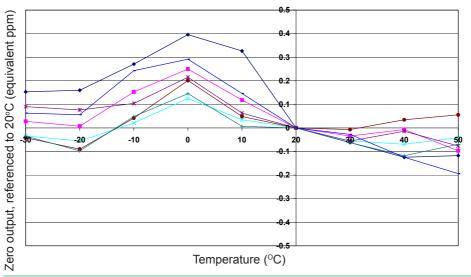
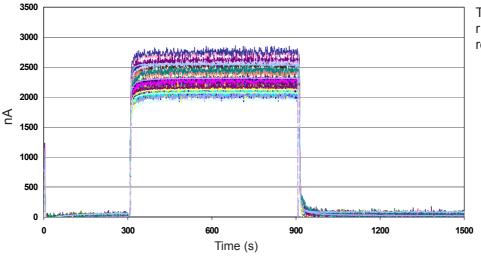


Figure 3 shows the variation in zero output caused by changes in temperature, expressed as ppm gas equivalent, referenced to zero at 20°C.

This data is taken from a typical batch of sensors.

Figure 4 Response to 10ppm SO₂



Typical batch of 64 sensors all respond rapidly and repeatably to 10ppm SO₂.

For further information on the performance of this sensor, on other sensors in the range or any other subject, please contact Alphasense Ltd. For Application Notes visit "www.alphasense.com".

In the interest of continued product improvement, we reserve the right to change design features and specifications without prior notification. The data contained in this document is for guidance only. Alphasense Ltd accepts no liability for any consequential losses, injury or damage resulting from the use of this document or the information contained within. (©ALPHASENSE LTD) Doc. Ref. SO2-D4/JAN15