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## **CO-DF** Performance Data

## Figure 2 Sensitivity Temperature Dependence



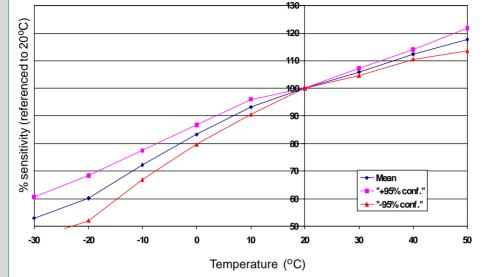


Figure 2 shows the variation in sensitivity caused by changes in temperature. The repeatable temperature dependence at elevated temperatures allows more accurate temperature compensation.

This data is taken from a typical batch of sensors and the mean and  $\pm$  95% confidence intervals are shown.



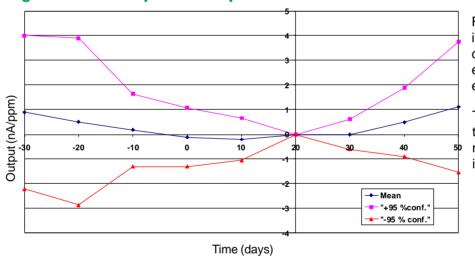


Figure 3 shows the variation in zero output caused by changes in temperature expressed as ppm gas equivalent.

This data is taken from a typical batch of sensors. The mean and  $\pm$  95% confidence intervals are shown.



200000 4 000 ppn 180000 160000 3.000 ppm 140000 (PA) 120000 2,500 ppm Output ( 100000 2,000 ppm 80000 ,600 ppm 1,200 ppm 60000 1,000 ppm F 40000 400 ppm 20000 0 2000 4000 6000 8000 10000 12000 14000 16000 0 Time (sec)

Figure 4 shows sensor output for increasing concentrations of CO to twice the specified overgas range. The data is derived from 8 sensors taken from a full production batch.

The stepped overgas test shows the robustness of the sensor with no saturation occurring (straight plateaus at each step).

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