



Figure 2 Sensitivity Temperature Characteristics

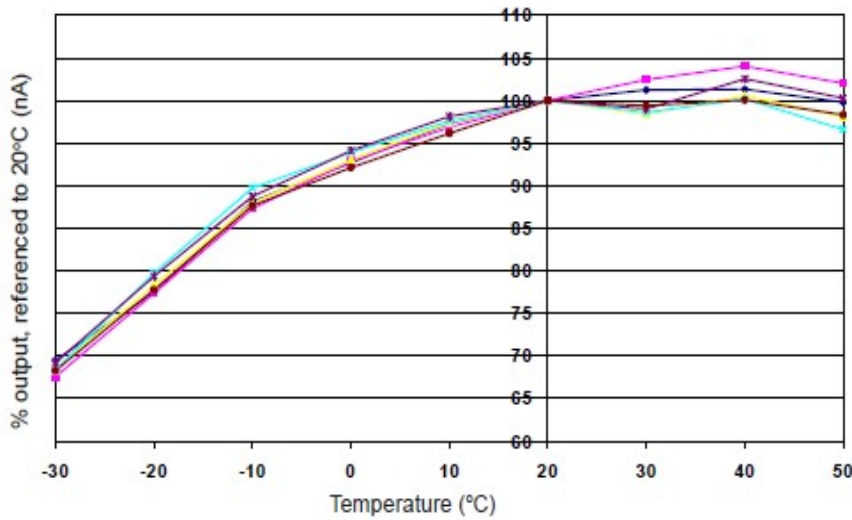


Figure 2 shows the temperature characteristics of sensitivity at 2 ppm SO<sub>2</sub>.

Data was collected from typical batch sensors.

Figure 3 Zero Temperature Characteristics

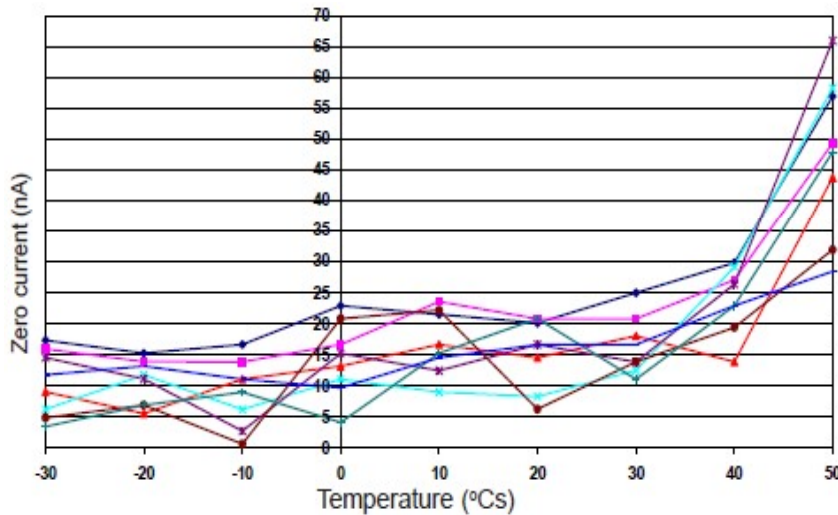


Figure 3 shows the change of zero point output of the working electrode caused by temperature change, in units of nA.

Data is taken from a typical batch of sensors.

For more information about zero current correction, contact Alphasense.

Figure 4 Reaction of 200ppb SO<sub>2</sub>

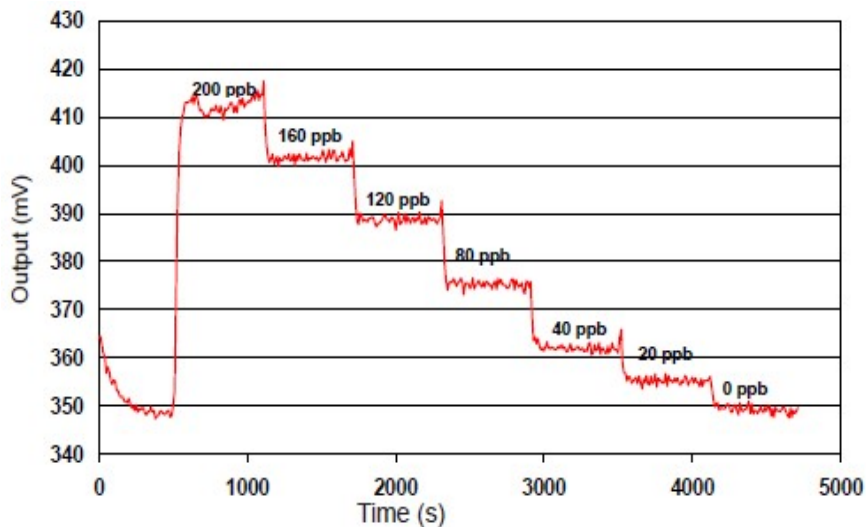


Figure 4 shows the reaction condition of the sensor detecting 20 ~ 200ppb SO<sub>2</sub>.

The use of the Alphasense ISB board reduces noise to 5 ppb, and digital filtering can be used to further reduce noise.

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