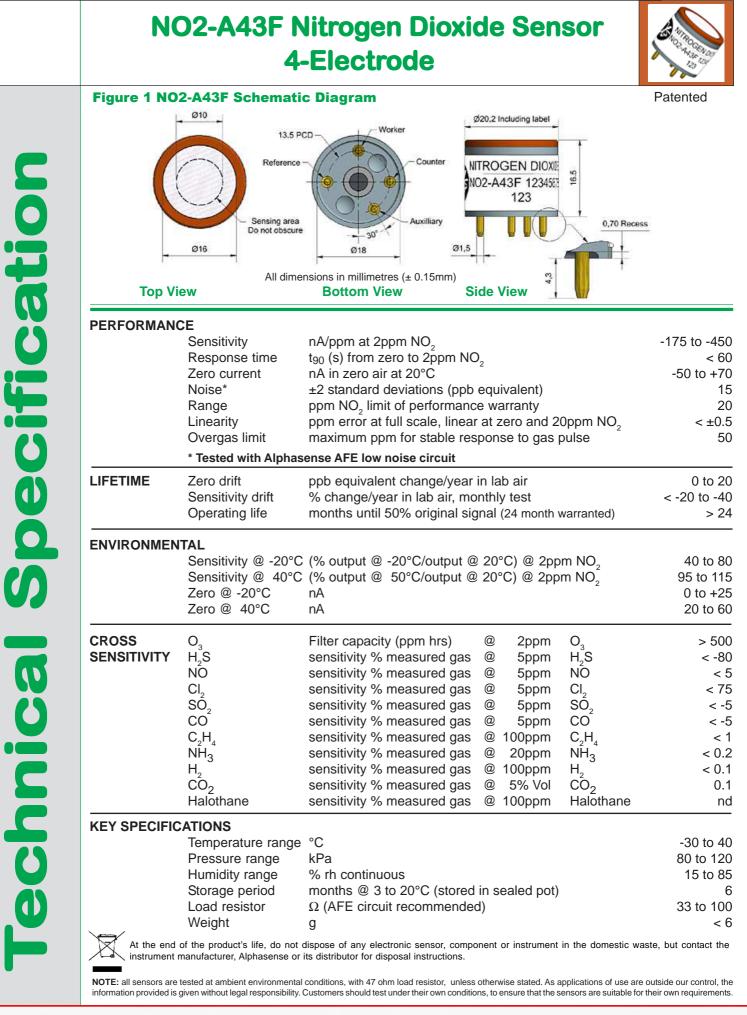
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NO2-A43F Performance Data

Figure 2 Sensitivity temperature dependence



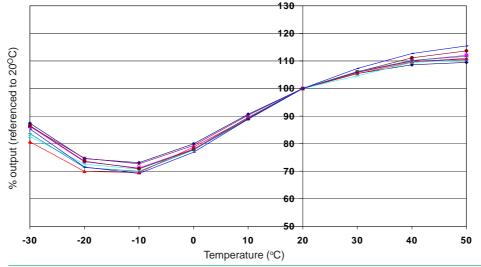


Figure 2 shows the temperature dependence of sensitivity at $2ppm NO_2$.

This data is taken from a typical batch of sensors.

Figure 3 Zero temperature dependence

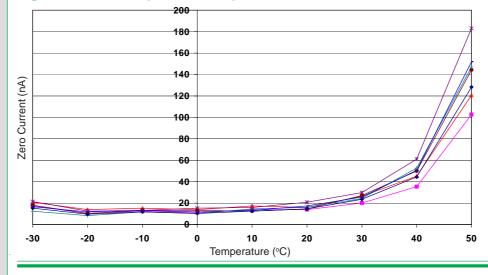


Figure 3 shows the variation in zero output of the working electrode caused by changes in temperature, expressed as nA.

This data is taken from a typical batch of sensors.

Contact Alphasense for futher information on zero current correction.

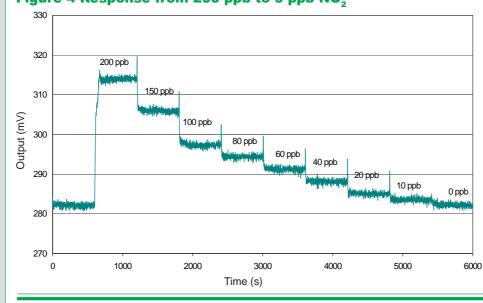


Figure 4 Response from 200 ppb to 0 ppb NO₂

Figure 4 shows response from from 200ppb NO_2 to 0ppb NO_2 .

Use of Alphasense AFE circuit reduces noise to 15ppb, with the opportunity of digital smooting to reduce noise even further.

Offset voltage is due to intentional AFE circuit electronic offset.

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