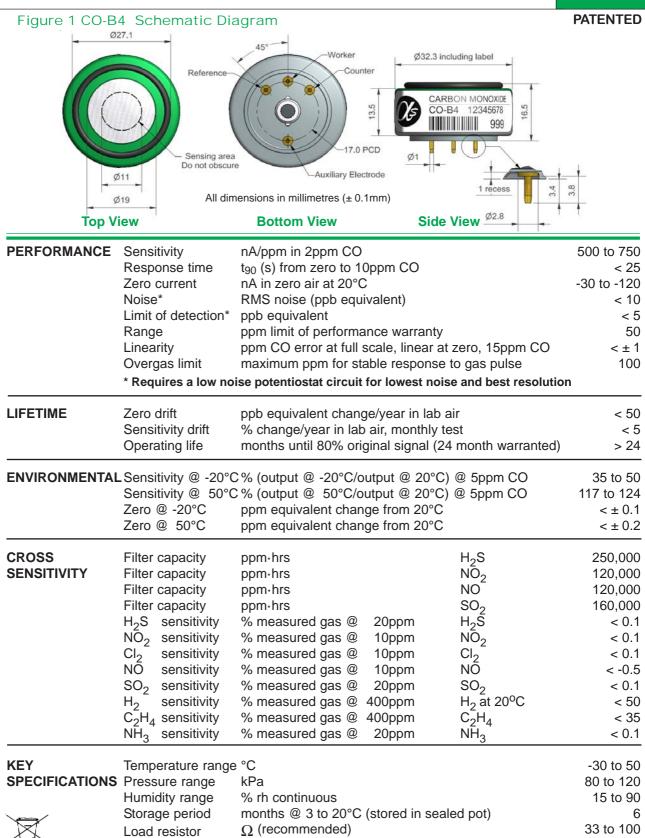
Specification **Technica**

CO-B4 Carbon Monoxide Sensor 4-Electrode





NOTE: all sensors are tested at ambient environmental conditions, with 10 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.

Weight

Specification **Technical**

CO-B4 Performance Data

Figure 2 Sensitivity Temperature Dependence

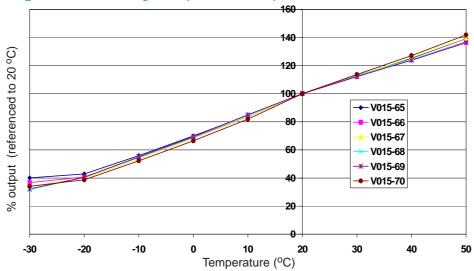


Figure 2 shows the variation in sensitivity caused by changes in temperature.

This data is taken from a typical batch of sensors.

Figure 3 Zero Current Temperature Dependence (corrected)

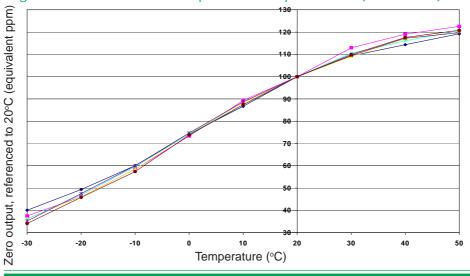
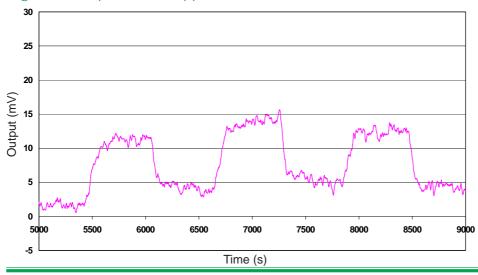


Figure 3 shows the variation in zero output caused by changes in temperature, expressed as ppm gas equivalent, referenced to zero at 20°C.

The fourth (auxilliary) electrode compensates the zero current in the CO-B4.

Figure 4 Response to 20ppb CO



When used with good 4electrode electronics, lower detection limit is less than 20ppb.