H2-BF Hydrogen Sensor

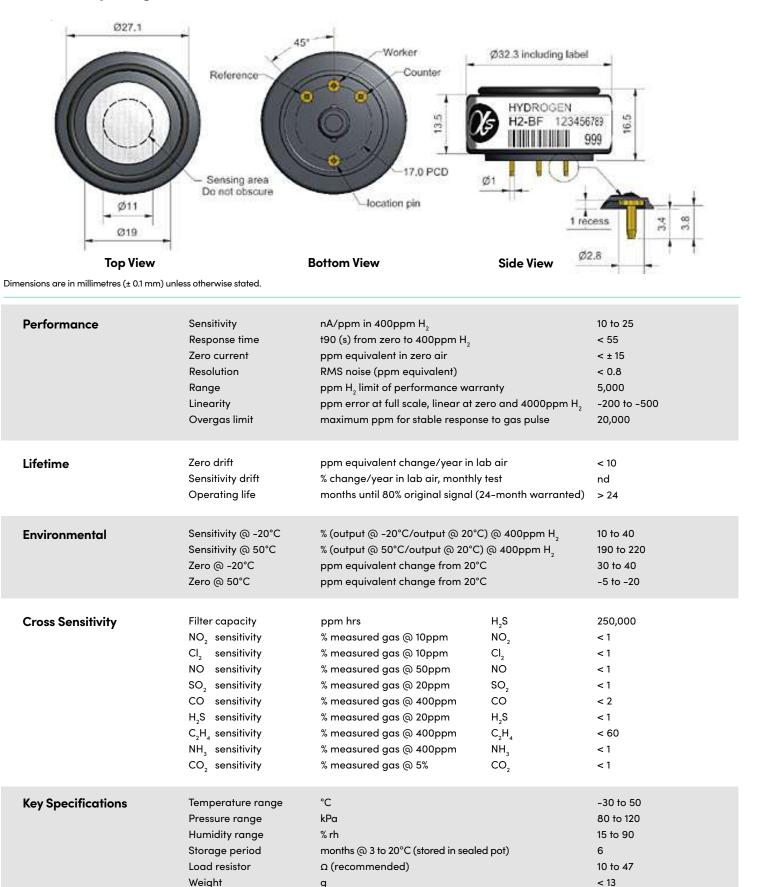


Figure 1 Sensitivity Temperature Dependence

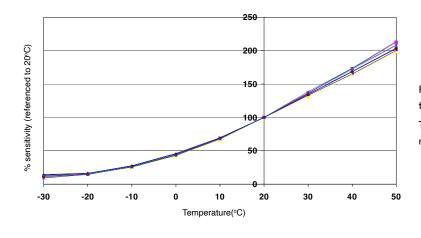


Figure 1 shows temperature dependence of sensitivity to 400ppm hydrogen.

Temperature correction of sensitivity using software is necessary for accurate measurements.

Figure 2 Zero Temperature Dependence

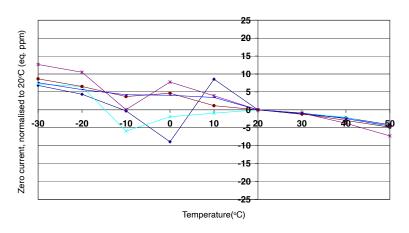
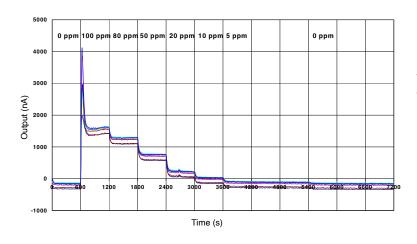


Figure 2 shows the variation of zero currrent with temperature, referenced to 20°C.





With good sensor response as low as 5ppm hydrogen, this sensor can be used for leak detection and process control.

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 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.

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