## H2-AF Hydrogen Sensor

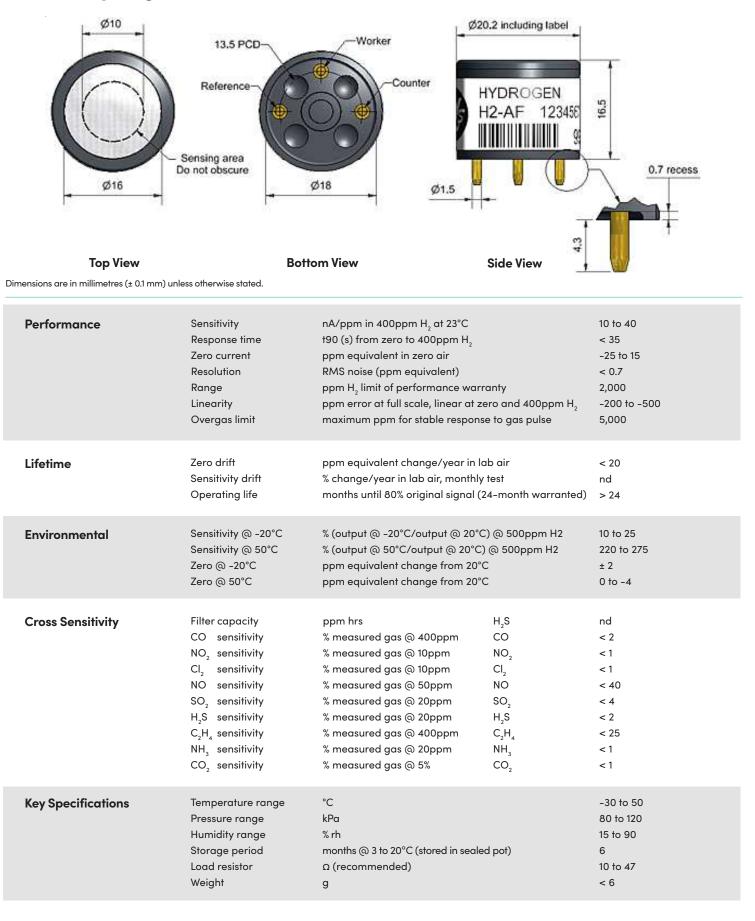
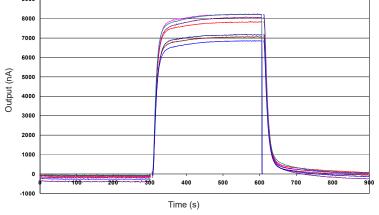


Figure 1 Response to 400ppm H<sub>2</sub>



This hydrogen sensor shows a strong, repeatable response to hydrogen, combined with low sensitivity to CO.

## Figure 2 Sensitivity Temperature Dependence

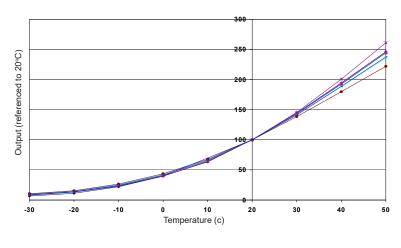
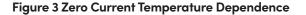


Figure 2 shows typical temperature dependence, measured at 1,000ppm H<sub>2</sub>.

This strong temperature dependence is very repeatable, so accurate temperature measurement (±0.5°C) is needed.



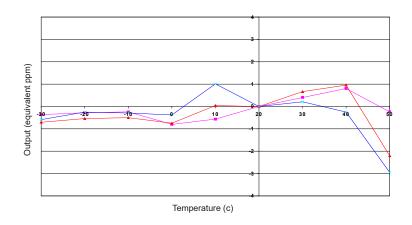


Figure 3 shows typical zero current from  $-30^{\circ}$ C to  $+50^{\circ}$ C, expressed as equivalent ppm deviation from the zero current at 20°C.

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