

SPECIFICATION SHEET FOR H₂ SENSOR MINI H2-4/1000

Nominal Range 0 – 1000 ppm
Maximum Overload 2000 ppm
Expected Operation Life 2 years in air
Output Signal 25 +/- 20 nA/ppm
Resolution 2 ppm
Temperature Range - 40 °C to + 50 °C
Pressure Range Atmospheric +/-10 %
t₉₀ Response Time < 30 sec
Relative Humidity Range 15 % to 90 % R.H. non-condensing
Typical Baseline Range (pure air, 20°C) -10 ppm to 10 ppm
Maximum Zero Shift (+20°C to +40 °C) -15 ppm
Expected Long Term Output Drift < 5 % signal loss/6 month
Recommended Load Resistor 10 Ohm
Bias Voltage Not required
Repeatability < 2 % of signal
Output Linearity Linear

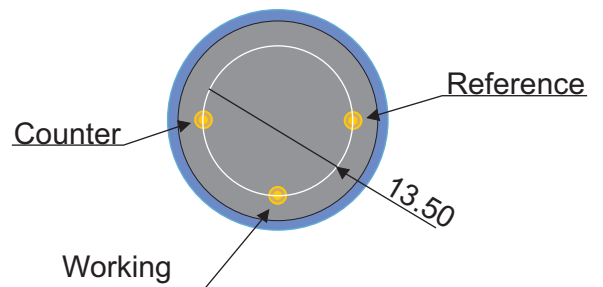
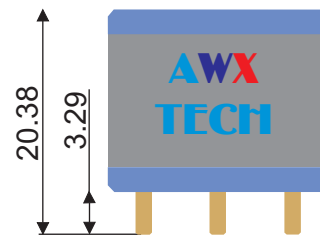
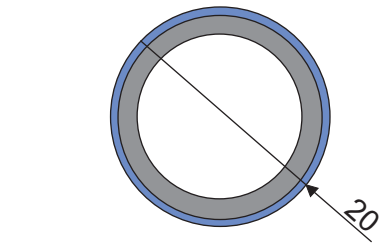
Weight ~ 5.4 g
Position Sensitivity None
Storage Life Six months in container
Recommended Storage Temperature 5 °C – 20 °C
Warranty Period 12 months from date of dispatch

CROSS-SENSITIVITY DATA

Interfering Gas Concentration Reading
CO 100 ppm < 70 ppm
Performance data conditions:
20 °C, 50% RH and 1013 mbar

APPLICATIONS

Safety and Environmental Control
For Portable Gas Detectors



All dimensions in mm
All tolerances +/- 0.15 mm