



## H2S-4HS-LM

**Product code:** H2S-4HS-LM

**Manufacturer:** City Technology

**Nominal Range:** 0-100 ppm

**Maximum Overload:** 500 ppm

**Expected Operating Life:** Two years in air

**Output Signal:**  $0.70 \pm 0.15 \mu\text{A/ppm}$

**Resolution:** 0.1 ppm

**Temperature Range:**  $-40^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

**Pressure Range:** Atmospheric  $\pm 10\%$

**Pressure Coefficient:** No data

**T90 Response Time:**  $\leq 30$  seconds

**Relative Humidity Range:** 15 to 90% non-condensing

**Typical Baseline Range (pure air):**  $-0.1$  to  $+0.4$  ppm equivalent

**Maximum Zero Shift ( $+20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ ):**  $< 0.2$  ppm equivalent

**Long Term Output Drift:**  $< 2\%$  signal loss/month

**Recommended Load Resistor:** 10  $\Omega$

**Bias Voltage:** Not required

**Repeatability:**  $< 2\%$  of signal

**Output Linearity:** Linear

**Weight:** 5 g (approx.)

**Position Sensitivity:** None

**Storage Life:** Six months in CTL container

**Recommended Storage Temperature:**  $0-20^{\circ}\text{C}$

**Warranty Period:** 12 months from date of despatch

<b>Life expectancy</b>	> 24 months
<b>Measurement range</b>	0-100 ppm
<b>Target Gas</b>	Hydrogen sulfide
<b>Response Time</b>	< 30 seconds (T90)
<b>Output</b>	$700 \pm 150 \mu\text{A/ppm}$