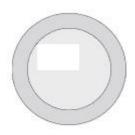
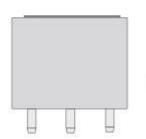




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## H2S-4HS-LM

**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:  $0.70 \pm 0.15 \mu A/ppm$ 

Resolution: 0.1 ppm

**Temperature Range:** -40°C to +50°C **Pressure Range:** Atmospheric  $\pm$  10%

Pressure Coefficient: No data T90 Response Time: ≤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 ( $+20^{\circ}$ C to  $+40^{\circ}$ 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°C **Warranty Period**: 12 months from date of despatch

Life expectancy	> 24 months
Measurement range	0-100 ppm
Target Gas	Hydrogen sulfide
Response Time	< 30 seconds (T90)
Output	700 ± 150 μA/ppm

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