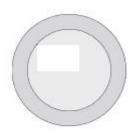
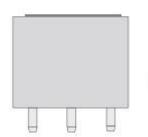




Tel: (+39) 030 3534144 Fax: (+39) 030 3530815 info@tecnosens.it PEC: tecnosens@legalmail.it





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°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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