



## 3SH

**Product code:** 3SH

**Manufacturer:** City Technology

**Nominal Range:** 0-20ppm

**Maximum Overload:** 100ppm

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

**Output Signal:**  $1.25 \pm 0.25 \mu\text{A/ppm}$

**Resolution:** 0.1ppm

**Temperature Range:** -20°C to +50°C

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

**Pressure Coefficient:** No data

**T90 Response Time:**  $\leq 15$  seconds

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

**Typical Baseline Range (pure air):** -0.1 to 0.2ppm equivalent

**Maximum Zero Shift (+20°C to +40°C):** 0.1ppm equivalent

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

**Recommended Load Resistor:** 10W

**Bias Voltage:** Not required

**Repeatability:** 2% of signal

**Output Linearity:** Linear

<b>Life expectancy</b>	> 24 months
<b>Measurement range</b>	0 - 20 ppm
<b>Target Gas</b>	Sulphur dioxide
<b>Response Time</b>	< 15 seconds (T90)
<b>Output</b>	$1.25 \pm 0.25 \mu\text{A/ppm}$