



## 3SH

**Codice prodotto:** 3SH

**Produttore:** 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:**  $-20^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

**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 ( $+20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ ):** 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 mesi
<b>Range di misura</b>	0 - 20 ppm
<b>Target Gas</b>	Diossido di Zolfo
<b>Tempo di Risposta</b>	< 15 secondi (T90)
<b>Uscita</b>	$1.25 \pm 0.25 \mu\text{A/ppm}$