



## 7HYE

**Codice prodotto:** 7HYE

**Produttore:** City Technology

**Nominal Range:** 0-10 000 ppm

**Maximum Overload:** 20 000 ppm

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

**Output Signal:**  $0.003 \pm 0.001 \mu\text{A/ppm}$

**Resolution:** 10 ppm

**Temperature Range:** -20°C to +50°C

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

**Pressure Coefficient:** 0.006 % signal/mBar

**T90 Response Time:** <110 seconds

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

**Typical Baseline Range (pure air):** +25 to -150 ppm equivalent

**Maximum Zero Shift (+20°C to +40°C):** -150 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

<b>Life expectancy</b>	> 24 mesi
<b>Range di misura</b>	0-10.000 ppm
<b>Target Gas</b>	Idrogeno
<b>Tempo di Risposta</b>	< 110 secondi (T90)
<b>Uscita</b>	$3 \pm 1 \text{ nA/ppm}$