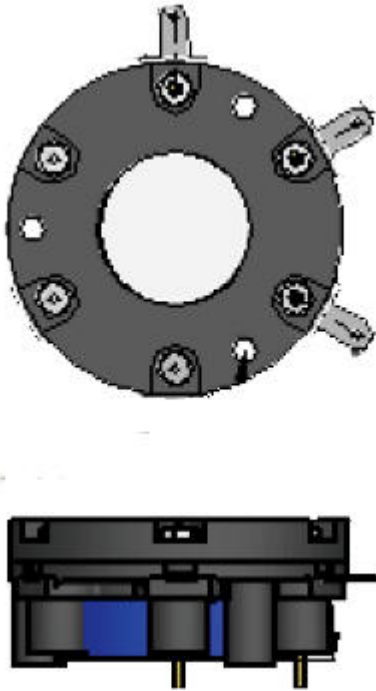




## 3HH

**Codice prodotto:** 3HH

**Produttore:** City Technology

### MEASUREMENT

**Operating Principle:** 3-electrode electrochemical

**Measurement Range:** 0-50 ppm H<sub>2</sub>S

**Maximum Overload:** 500 ppm H<sub>2</sub>S

**Filter:** None

**Sensitivity:**  $1.70 \pm 0.30 \mu\text{A/ppm}$

**Response Time (T<sub>90</sub>):** <30 Seconds

**Baseline Offset (clean air):** -0.2 to +0.4 ppm H<sub>2</sub>S equivalent

**Maximum Zero Shift (+20°C to +40°C):** 0.1 ppm H<sub>2</sub>S equivalent

**Resolution:** 0.1 ppm (when used with recommended electronics)

**Repeatability:** 1% of signal

**Linearity:** Linear

### ELECTRICAL

**Recommended Load Resistor:** 10  $\Omega$

**Bias Voltage:** Not required

### MECHANICAL

**Weight:** 22 g

**Housing Material:** Gap and Body Glass Filled Polypropylene

**Orientation:** Any

### ENVIRONMENTAL

**Operating Temperature Range:** -40°C to +50°C

**Recommended Storage Temp:** 0°C to 20°C

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

**Operating Humidity Range:** 15 - 90% RH non-condensing

### LIFETIME

**Long Term Sensitivity Drift:** <2% signal loss/year

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



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**Storage Life:** 6 months in CTL container

|                   |                             |
|-------------------|-----------------------------|
| Life expectancy   | > 24 mesi                   |
| Range di misura   | 0-50 ppm                    |
| Target Gas        | Acido Solfidrico            |
| Tempo di Risposta | < 30 secondi (T90)          |
| Uscita            | 1.70 $\pm$ 0.30 $\mu$ A/ppm |