



## 70X-V

**Product code:** 70X-V

**Manufacturer:** City Technology

**Nominal Range:** 0-25% Oxygen

**Maximum Overload:** 30% Oxygen

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

**Output Signal:** 0.195 - 0.25 mA in air

**Temperature Range:** -20°C to +50°C

**Temperature Coefficient:** 0.2% signal/°C

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

**Differential Pressure Range:** 0 to 40 mBar max

**Pressure Coefficient:** <0.02% signal/mBar

**Operating Humidity:**

intermittent: 0 to 99% RH non-condensing

continuous: 15 to 99% RH non-condensing

**Long Term Output Drift:** <5% signal loss/year

**Recommended Load Resistor:** 100  $\Omega$

<b>Life expectancy</b>	> 24 months
<b>Measurement range</b>	0-25% Oxygen
<b>Target Gas</b>	Oxygen
<b>Response Time</b>	< 15 seconds (T95)
<b>Output</b>	0.195 - 0.25 mA in air