

Data Sheet of gaZpro Ox



TECHNICAL SPECIFICATION :

Control Card	Solid State Electronics Base
Range	Depends on sensor (ppm level for O2 in H2 & % or ppm level for O2 In N2)
Resolution	Depends on sensor (ppm level for O2 in H2 & % or ppm level for O2 In N2)
Display	3 $\frac{1}{2}$ Digit LED
Size	Standard Enclosure Size : H : 200mm W : 180mm D:320mm
Oper. Temperature	0 - 50 deg C
Visual Indication	A) Pilot B) Warn C) Alarm
Controls	Optional: A) Reset B) Accept
Parameter Setting	A) Zero B) Span C) Warn D) Alarm
Input Signals	Standard: - 4 - 2 mA. Optional: - 0 - 1 vDC
Outputs	Standard: - 4- 20 mA. Recorder Output, Potential free Relay contacts for Alarms Optional: - Repeater output for warn, Alarms, 0 - 1 vDC. Recorder Outpt
Power Supply	Standard: - 220 Vac. 50 Hz Optional: - 110 vAC. OR 50 Hz
Mounting	Standard: Panel Mounting
Flow	100 -200 ml / min.
Pressure	Gas Pressure on Sensor head should not exceed 1 Kg. / cm ²
Connections	Standard: $\frac{1}{4}$ " NPT for 1/P and O/P Optional: As per specifications
Sensor Type	Electrochemical
Sensor Life	2 Years & above
Response Time	90% of FSD in < 30 Sec.

Note:

✓ For quotation or any other information email at:

polutn.purvi@vsnl.com

ptpl@bom5.vsnl.net.in

Different ranges for different Gases

Chart For Different Ranges For Different Gases

Gas	Chemical Formula	Sensor Life	Range in ppm	Resolution in ppm
Ammonia	NH ₃	2 Years in Air	0 – 100	1
Arsine	AsH ₃	2 Years in Air	0 – 5	0.05
Bromine	Br	2 Years in Air	0 – 50	0.1
Carbon Monoxide	Co	2 Years in Air	0 – 1000	1
Chlorine	Cl ₂	2 Years in Air	0 – 20	0.1
Diborane	B ₂ H ₆	2 Years in Air	0 – 5	0.05
Ethanol	C ₂ H ₅ OH	2 Years in Air	0 – 20	0.1
Ethylene Oxide	Eo	2 Years in Air	0 – 20	0.1
Germane	GeH ₄	2 Years in Air	0 – 5	0.05
Hydrazine	N ₂ H ₄	1 Years in Air	0 – 1	0.01
Hydrogen	H ₂	2 Years in Air	0 – 1000	2
Hydrogen Chloride	HCL	2 Years in Air	0 – 50	1
Hydrogen Cyanide	HCN	2 Years in Air	0 – 100	1
Hydrogen Fluoride	HF	1 Years in Air	0 – 10	0.2
Hydrogen Sulphide	H ₂ S	2 Years in Air	0 – 200	1
Methyl Ethyl Ketone	MEK	2 Years in Air	0 – 20	0.1
Nitric Oxide	NO	2 Years in Air	0 – 100	0.5
Nitrogen Dioxide	NO ₂	2 Years in Air	0 – 20	0.1
Ozone	O ₃	2 Years in Air	0 – 2	0.02
Phosgene	CoCl ₂	1 Years in Air	0 – 1	0.02
Phosphine	Ph ₃	2 Years in Air	0 – 5	0.05