

## Data Sheet of gaZalarm Tx



### TECHNICAL SPECIFICATION :

Control Card	Solid State Electronics Base
Display	2/ 3 Digits LED
Measuring Range	Depending on Sensor <a href="#">Sensor Chart</a>
Size	Din Standard - 3U X 6T/9T - Depth - 220 mm
Accuracy	1% of FSD
Ambient Oper. Temp.	0 - 50 deg C
Visual Indication	A) Alarm B) Warn C) Power D) Fault
Controls	A) Reset B) Accept C) Lamp Test
Parameter Setting	A) Zero B) Span C) Warn D) Alarm
Input Signals	Standard: - 4 - 2 mA. (3 wire, 2 wire) Optional: - 0 - 1 cDC
Outputs	Standard: - 4- 20 mA. Recorder Output, Potential free Relay contacts for warn, Alarm & Faults. Optional: - Repeater output for warn, Alarm & Fault, 0 - 1 vDC.
Power Supply	Standard: - 220 Vac. 50 Hz Optional: - 110 vAC. OR 24 vDC.
Mounting	19" Rack (DIN Standard) for Max. Upto 10 cards or as per specification
Panel	Standard: Wall Mounted / Free Standing <b>Optional:</b> As per specification

Note : For Diffeent Ranges of Gases please refer the chart enclosed

#### 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 <sub>3</sub>	2 Years in Air	0 – 100	1
Arsine	AsH <sub>3</sub>	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 <sub>2</sub>	2 Years in Air	0 – 20	0.1
Diborane	B <sub>2</sub> H <sub>6</sub>	2 Years in Air	0 – 5	0.05
Ethanol	C <sub>2</sub> H <sub>5</sub> OH	2 Years in Air	0 – 20	0.1
Ethylene Oxide	Eo	2 Years in Air	0 – 20	0.1
Germane	GeH <sub>4</sub>	2 Years in Air	0 – 5	0.05
Hydrazine	N <sub>2</sub> H <sub>4</sub>	1 Years in Air	0 – 1	0.01
Hydrogen	H <sub>2</sub>	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 <sub>2</sub> 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 <sub>2</sub>	2 Years in Air	0 – 20	0.1
Ozone	O <sub>3</sub>	2 Years in Air	0 – 2	0.02
Phosgene	CoCl <sub>2</sub>	1 Years in Air	0 – 1	0.02
Phosphine	Ph <sub>3</sub>	2 Years in Air	0 – 5	0.05