gaZsense Tx

Data Sheet of gaZsens Tx

APPROVALS:

- Certified for Explosion prof sensor housing as PER IS 2148 By ERTL (E)
- BIS Certificate No: CM / L -7448685 as per IS :2148
- CCE Approval No: A / P / HQ / MH / 104 / 518 (P55545)

TECHNICAL SPECIFICATION :

Gas To Detect	**Sensor Chart**
Range	**Select Chart**
Sensor Type	**Electrochemical**
Sensor Life	**Approximate 24 Months (In Fresh Air)**
Response Time	**Depend on gas sensor**
Oper. Temperature	**0 - 55 deg C**
Humidity	**0-99% RH (Non - Condensing)**
Signal (For Sensor)	**Self Generating**
Transmission	**Recommended**
Transmitter Supply	**24 vDC**

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

Note:

v For quotation or any other information email at:

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Df ferent ranges for diffee nt 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	A_SH_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_2H_6	2 Years in Air	0 – 5	0.05
Ethanol	C_2H_5OH	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_2H_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_2S	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