gaZalarm Ex

Data Sheet of gaZalarm Ex

TECHNICAL SPECIFICATION :

Control Card	**Solid State Electronics Base**
Display	**2/3 Digit LED**
Measuring Range	**0 - 100% L.E.L.**
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 **Optional:** As per specification

Almost all hydrocarbons could be detected. Please refer chart enclosed.

Note:

v For quotation or any other information email at:

polutn.purvi@vsnl.com ptpl@bom5.vsnl.net.in

Gas	Chemical Formula	% LEL in Volume	TLV PPM
Acetaldehyde	CH_2COOH	5.1	100
Acetic acid	CH_2COOH	5.4	10
Acetone	CH_3COCH_3	2.6	1000
Acetylene	C_2H_2	2.5	F
Benzene	C_6H_6	1.3	25
n-Butane	C_4H_{10}	1.9	500
iso-Butane		1.8	-
Butane 1	C_4H_8	1.6	
Ethane	C_3H_6	3.0	F
Ethyl Benzene	$C_6H_5CH_2CH_5$	1.0	100
Ethylene Oxide	C_2HO_4	3.0	50
n-Heptane	C_7H_{16}	1.2	500
n-Hexane	C_6H_{14}	1.1	500
Hydrogen	H_2	4.0	F
Methane	CH_4	5.3	F
Methyl Alcohol		7.3	200
Methyl amine		4.9	10
Napthalene		0.9	10
n-Nonane	C_9H_{20}	0.8	-
n-Octane	C_8H_{18}	1.0	400
n-Pentane	C_5H_{12}	1.5	500
iso- Pentane		1.5	-
Propane	C_3H_8	2.2	F
Propylene	C_3H_6	2.0	-
Toluene	C_7H_8	1.2	100
O-Xylene		1.0	100
m-Xylene		1.1	-
p-Xylene		1.1	-
Xylene	C_8H_{10}	1.1	-
Leaded Petrol		1.4	-
Unleaded Petrol		1.4	-
Cyclo Hexane		12.5	-
Ethyl Acetate		2.2	-
Methyl Ethyl			
ketone		1.9	-
Iso-Propyl			
Alcohol		2.2	-
Methanol		-	-
Ethylene		-	-
Ethanol		-	-
Propane 2		-	-
Butan-2-one (MEK)		-	-
M I B K		-	-
Di-Ethyl Ether		-	-
Formal Dyhide (FD)		-	-
Nitro Benzene (NB)		-	-
Aneline (AN)		-	-