

Gas Detectors

Overview

- 4 20 mA analog output
- Status indicator
- %LEL, PPM or %V0L measurement
- Optional relay card



Description

FCGA Gas Detectors are used in industrial environments with explosive and inflammable hazards, while it can also determine the quantity of the toxic gases and oxygen present.

More than 40 industrial gases can be detected through 300 different models of FCGA detectors available. All models are as per the En 60079;0, EN 60079;1, EN 60079:18 standards. All Gas Detectors are calibrated during the production in the production facility for precise results, so there there is no need to re-calibrate again before use.

Annual calibration operations can be easily performed on site using the appropriate calibration gases. FCGA Exproof Gas Detectors can measure the intensity of gases in %VOL (volume) %LEL (proportional) and PPM (quantity) as well. FCGA Ex proof Gas Detectors work on standard 4-20mA output current. In this way gas control panel and PLC can be directly connected. There is one more option of using p2REL with 2 relay cards so there is no need for control panel or PLC, also detectors can be used with fire alarm panel with the use of 2 relay cards.

In case of a possible failure the card is equipped with LED's, The Intermittent LED works normally in normal situation and will stop illuminating in case of a failure. FCGA Ex Proof Gas Detectors present the most modern technology features as equipped with Infrared, Pelistor, Electrochemical and Catalytic sensor technologies.

Application/Usage Area:

In case of poisonous gases or dense gas environment infrared sensor detectors should be used instead of catalytic sensors, in this way the detectors durability is increased and the sensitivity remains intact for a longer period of time. FCGA Exproof Gas Detectors use best quality Electrochemical sensors due to the detection of toxic gases. These detectors are commonly used in Chemical Production Facilities Petrochemical Laboratories, Gas Turbine Mines and LPG/LNG Tunnel Depots areas and Autogas Stations.

FCGA Exproof Gas Detectors can detect a wide range of gases as some of them are listed below. If you require a detector apart from these gases mentioned below kindly contact us.





FCGA Series

Gas Detectors

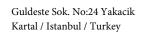


						MC	ONITAL INIST	FALLATION HEIGHT
		NFPA SINIFI - NFPA CLASS						
		ÜST PATLAMA SINRI - UPPER EXPLOSIN LIMIT						
GAZ GAS TYPE ALT PATLAN		1A SINIRI - LOW EXPLOSION LIMIT						
CASTILE METALEMAN STRUCTURE CONTROL CO								
30	LPG		LPG		1.8	8.5		30cm from floor
31	METAN		METHANE		4.4 - 5	15 - 17	Α	30cm from ceiling
32	AKARYAKIT BUHARI		PETROL VAPOUR		1.2	8		30cm from floor
33	BÜTAN		n-BUTANE		1.6	8.4	IA	30cm from floor
34	PROPAN		PROPANE		2.1	9.5 - 10.1	IA	100cm from floor
35	HEKZAN		n-HEXANE		1.1	7.5	IB	30cm from floor
36	HIDROJEN		HYDROGEN		4	75	IA	30cm from ceiling
37	PENTAN		n-PENTANE		1.5	7.8	IA	30cm from floor
38	TOLÜEN		TOLUENE		1.2 -1.27	6.75 - 7.1	IB	30cm from floor
39	METANOL		METHANOL		6 - 6.7	36	IB	100cm from floor
40	HEPTAN		n-HEPTANE		1.05	6.7	IB	30cm from floor
41	OKTAN		n-OCTANE		1	7	IA	30cm from floor
42	ETANOL		ETHANOL		3 -3.3	19	IB	100cm from floor
43	ISO-PROPANOL		ISO-PROPANO	DL	2	12	IB	30cm from floor
44	KARBON MONOKSIT		CARBON MO	NOXIDE	12	75	IA	150cm from floor
45	ASETON	1	ACETONE		2.6 - 3	12.8 - 13	IB	30cm from floor
46	METILET	TILKETON	METHYLETHY	LKETONE	1.8	10	IB	30cm from floor
47	ETIL ASE	TAT	ETHYL ACETA	NTE	2	12	IA	30cm from floor
48	AMONY	'AK	AMMONIA		15	28	IIIB	30cm from floor
49	ETİLEN	N ETHYLENE			2.7	36	IA	100cm from floor
50	ASETIK .	ASİT	ACETIC ACID		4.0	19.9	II	30 cm from floor
51	BÜTİL A	SETAT	TAT BUTYL ACETATE		1.4	8.0	IB	30 cm from floor
52	SİKLO-H	İKLO-HEXANE CYCLO-HEXANE		NE	1.3	7.8	IB	30 cm from floor
53	SİKLO P	O PENTAN CYLO-PENTANE		1.5-2	9,4	IB	30 cm from floor	
54	DIOKSA	DÍOKSAN DIOXANE		2	22	IB	30 cm from floor	
55	ETAN	ETAN ETHANE			3.0	12.4	IA	100 cm from floor
56	BÜTİL A	BÜTİL ALKOL BUTYL ALCOHOL		HOL	1	11	IC	30 cm from floor
57	STYLEN	STYLEN STYRENE			1.1	6.1	IB	30 cm from floor
58	PROPILE	PROPILEN PROPYLENE			2.4	11.0	IA	100 cm from floor
59	KARBOI	N MONOKSIT	CARBON MO	NOXIDE	12.5	74.0	IA	150 cm from floor

1.1



60 KSİLEN



XYLENE

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6.6

30 cm from floor

