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FIGARO

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Founded in 1962, FIGARO Engineering using its innovative gas sensing technologies, globally provides cost-effective gas sensing solutions for a wide range of applications in the fields of home and personal safety, industrial safety, air quality control, HVAC, home appliances, and the automotive industry.

FIGARO Engineering, založena v r. 1962, poskytuje, používáním inovativních technologií k detekci plynů, cenově efektivní řešení pro široké spektrum aplikací na poli domácí, osobní a průmyslové bezpečnosti, kvality ovzduší a automobilového průmyslu.

FIGARO Engineering, gegründet 1962, bietet durch Verwendung von innovativen Technologien zur Gasdetektion kosteneffiziente Lösungen für ein breites Spektrum von Anwendungen im Bereich der häuslichen, persönlichen und industriellen Sicherheit, der Luftqualität sowie in der Automobilindustrie.

A FIGARO Engineering-et 1962-ben alapították. Elérhető árú megoldásokat kínál innovatív technológia alkalmazásával a gázok érzékelésére és széles termékkínálattal rendelkezik az otthoni, személyes és ipari biztonságtechnikában, levegő minőség vizsgálatban és az autóiparban.

FIGARO Engineering, założona w r. 1962, oferuje, poprzez wykorzystanie innowacyjnej technologii detekcji gazu, cenowo wygodne rozwiązania dla szerokiej gamy aplikacji w dziedzinie bezpieczeństwa domowego, osobistego i przemysłowego, jakości powietrza i przemysłu motoryzacyjnego.

Înființată în 1963, FIGARO Engineering, utilizându-și tehnologiile inovative de detectare a gazului, furnizează la nivel mondial soluții rentabile de detectare a gazului pentru o paletă vastă de aplicații în domeniul siguranței personale, siguranței industriale, controlului calității aerului, HVAC, dispozitivelor domestice și industriei de automobile.

FIGARO Engineering, založená v r. 1962, poskytuje, používaním inovatívnych technológiu na detekciu plynu, cenovo efektívne riešenia pre široké spektrum aplikácií na poli domácej, osobnej a priemyselnej bezpečnosti, kvality vzduchu a v automobilovom priemysle.

Figaro's advanced high-volume production facilities are ready to meet all your gas sensor needs. Popular applications of Figaro Gas Sensors include residential gas and carbon monoxide (CO) detectors, breath alcohol analyzers, carbon dioxide (CO_2) monitoring and many other.

Figaro sensors are able to detect all common kinds of gases like Alcohol, Ammonia, Carbon dioxide, Carbon monoxide, General air contaminants, Halocarbon gas, Hydrogen, Hydrogen sulfide, LP gas, Methane, Oxygen and Solvent vapors.

Why FIGARO?

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- pioneering company in the gas sensors development and production
- wide range of high quality sensors
- sensors available for all common gases

Did You Know?

Mr. Naoyoshi Taguchi (former chairman of Figaro) became the first person in the world to succeed in the development of a semiconductor device which could detect low concentrations of combustible and reducing gases when used with a simple electrical circuit. His work was completed in 1968, and in October of 1968 he and his associates established mass production and started selling the TGS (Taguchi Gas Sensor).

Application example

Domestic safety:
- Gas alarm
- CO alarm
- Gas boiler safety switch

Air quality control:
- Air purifier
- Air conditioner
- Ventilation control

Automotive:
- Cabin air quality
- Air purifier
- LPG alarm for RV
- Breath alcohol tester
- Gas driven car

Appliance control:
- Microwave oven
- Air purifier
- Cooker hood

Industrial health & safety:
- Combustible gas detector
- Toxic gas detector
- Refrigerant leak detector
- Oxygen monitor

FIGARO

Gas Sensors

Target gas	Range	Model No.	Type	Typical application
Alcohol	0 - 1,000ppm	TGS 3820	S	Personal alcohol checkers
Alcohol & solvent vapors	0 - 5,000ppm	TGS 2620	S	Alcohol & solvent vapor detectors
Ammonia	0 - 300ppm	TGS 826	S	Refrigerant leak detectors
	0 - 100ppm	TGS 2444	S	Refrigerant leak detectors, ventilation control for agricultural & poultry industries
Carbon dioxide	0 - 50,000ppm	TGS 4160	E(S)	Air quality control in buildings, homes & the agricultural industry
	0 - 10,000ppm	TGS 4161	E(S)	Air quality control in buildings, homes & the agricultural industry
Carbon monoxide	0 - 1,000ppm	TGS 2442	S	Gas alarms for homes
	0 - 1,000ppm	TGS 5042	E(L)	Gas alarms for homes, recreational vehicles, boats, gas boilers, parking garages
Dissolved oxygen	0 - 80ppm	KDS-25B	E(L)	Dissolved oxygen monitors
Gasoline & diesel exhaust	0 - 1,000ppm CO + 0-10ppm NO2	TGS 2201	S	Automobile ventilation control
General air contaminants	0 - 30ppm	TGS 2600	S	Indoor air quality control
	0 - 30ppm	TGS 2602	S	Indoor air quality control
Halocarbon gas	0 - 3,000ppm	TGS 832	S	Refrigerant leak detectors
	0 - 3,000ppm	TGS 2630	S	Refrigerant leak detectors
Hydrogen	0 - 1,000ppm	TGS 821	S	Hydrogen leak detectors
Hydrogen, Methane & LP	0 - 100%LEL	TGS 6812	C	Hydrogen & combustible gas leak detectors for fuel cells
Hydrogen sulfide	0 - 100ppm	TGS 825	S	Industrial gas detectors
LP gas	0 - 20%LEL	TGS 2610	S	Gas alarms for homes, recreational vehicles, boats, gas boilers
Methane	0 - 20%LEL	TGS 2611	S	Gas alarms for homes, recreational vehicles, boats, gas boilers
Methane & CO	0 - 25%LEL CH4 + 0-1,000ppm CO	TGS 3870	S	Gas alarms for homes, gas boilers
Methane & LP	0 - 20%LEL	TGS 2612	S	Gas alarms for homes, recreational vehicles, boats, gas boilers
	0 - 100%LEL	TGS 6810	C	Gas alarms for homes, recreational vehicles, boats, gas boilers
	0 - 100%LEL	TGS 6811	C	Industrial gas detectors
Oxygen	0 - 30%	SK-25	E(L)	Oxygen monitors
	0 - 100%	KE-25	E(L)	Oxygen monitors
	0 - 100%	KE-50	E(L)	Oxygen monitors
Water vapor	0 - 150g/m³	TGS 2180	S	Microwave oven

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Let us know about your project at marketing@soselectronic.com and we will with pleasure help you with a choice and evaluation of components!

Many of our customers saved a lot of time and costs in developing with our technical support.

Together we find the most effective solution for designing of your application.