

RS24IGR-FLP- Industrial Flammable Gas Detector

Model For :LPG (Propane + Butane) Gas Sensor, Transmitter, Methane (Natural gas) CNG,LNG

- Applications :**
- LPG/CNG/LNG Gas Storage Areas LPG Bullet & Banks
 - Hotel , Restaurant Kitchens - Canteen
 - Gas ranges and ovens
 - Gas clothes dryers
 - heaters
 - Industrial Canteens
 - Gas Filling Stations
 - Gas Boiler
 - Spray-Paints etc

Technical Specifications :

Detection Principle: Catalytic Combustion, Electrochemical Cell, Galvanic Cell & Infrared , combustion ,Semiconductor
Power Input: DC 24VDC
Response Time : Less 5 Seconds.
Zero Drift : 0.2% Fs
Accuracy: 2% Fs.
Operating Tem.: (0°C to +50°C)
Terminations : PCB Mounted terminal blocks to accept 1.5mm wires.
Display : LED Display L-Alarm , H-High Alarm.
LED Indication :Power ON, and Sensor Fault.
Output : Two Number Relay contact.
Power Consumption : 2 wire: 0.5 W max. / 4 wire:3.6 W max.
Max Load: 600 Ohms.
Standard: UL1484 and EN50194

with 4 to 20 mA out put (Optional)



Real Safe IT Field proven gas Transmitter continuously monitors for dangerous concentrations of gases. The Gas sensor give Relay output with LED Indication, Gas Sensor can interface directly with any receiving instrument starting from indicators, controllers to large control system. The standard system consists of a compact electronic module housed in weather Flush proof, Dustproof & explosion Proof enclosure with an application specific sensor. This state of art transmitter is carefully designed with and manufactured with industrial grade components for reliability accuracy and long life. Gas Sensor enclosure is suitable for the IP65 certified. It is certified for use in hazardous area Class 1, Division 1,GroupB , C & D. (IIA, IIB or IIC)

SPECIFICATIONS

Gases	Oxygen		Hydrocarbon, Hydrogen		
	%	LEL	PPM	%	
Range	0-25/100	0-100%	0-1000	0-100	
Detection Principle	Electrochemical	Catalytic Combustion	Semiconductor Electrochemical	Thermal Conductivity	

Gases	H ₂ S	CO	SO ₂	NO	Cl ₂ ,Br ₂ ,F ₂	HCL	HCN	NO	NH	CO
Range	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Max	1000	4000/10%	2000	5000	2000	200	200	1000	1000	100%
Min	5	20	3	10	3	5	10	3	10	0.3