



Realty Automation & Security Systems Pvt. Ltd.

TS12ILR-RS485 PPM Industrial Gas Leak Detector



Product Description:

TS12ILR-RS485 PPM gas detector is suitable for gas detection in Refineries, Chemical plant, LPG station, Gas Boiler, and Spray-Paints etc where gas leakage is possible. It reads the gas concentration in Air and transmits to a detection panel over digital bus. This detector, adopting catalytic gas sensor, has advantages of good reproducibility, good performance against changes in temperature and humidity. It has long life-span and easy operation. Two alarm levels could be set for warnings.

Relay output provided can be connected to the Gas Detection Panel.

In GAS Detector **RS485** and **two relay output** provided.

Catalytic sensor is used in this model.

(If require Optional 4-20mA and Selectable 0-5 V & 0-10V Analog output could be also available)

Enclosure used is suitable for Zone 1 & Zone 2 hazardous areas.

Note : Enclosure depicted above is indicative. Specs subject to change without notice.

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TS12ILR-RS485 PPM Industrial Gas Leak Detector

Product Features & Specifications:

- Gas Sampling by Natural diffusion
- Detection Range—0-100% of LEL
- Preset Alarm Levels a) Low Alarm Level b) High Alarm Level
- Auto Calibrated
- Response Time(< 2Sec.)
- Catalytic sensor is used
- PFC Relay NO or NC PFC O/P and It will be Selectable Latching type or Pulse Type
- Fire Proof Enclosure is used.
- Sensor Life : Above 5 years
- Analog O/P : Selectable 0-5 V & 0-10V output
- 4-20mA current output

Technical Specifications:

Gas Sampling	Natural diffusion	Detection Range	0% LEL to 100% LEL
Gas Sensor Type	Semi-Conductor	Output	Four Digit 7-Segment Display PFC Relay,(NC & NO)
Power supply	12VDC OR 24VDC	Optional Output	RS-485, Valve output. 4-20mA Output 0-5V & 0-10V Output
Power Consumption	2W Max.	Working Temperature	0°C to 50°C

Application:



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