



GasDetek Sentry Commercial Sensor

Features

- Long life sensor element
- Hydrophobic and stainless filters that protect the sensor element
- Ease of installation and maintenance
- Includes internal onboard gas leak activation and “power on” LED’s (used for setup & testing)
- Includes onboard internal buzzer (local audible Warning)



Applications

- Commercial and industrial installations
- Can be connected to other alarm systems as a stand-alone unit

Function

- Offers direct communication with a control panel
- The sensor can detect gas from as low as 10% of LEL (Lower Explosion Limit), which makes for a safer environment
- Factory set at 20% of LEL (Lower Explosion Limit)
- Flammable gas when leaked into the environment can pose a potentially dangerous situation for anyone present if left undetected

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Technical Data

Enclosure :

- Dimensions : 75 x 120x120 mm
- Enclosure : Flame Retardant UV Stable, Impact Resistant ABS
- UJB1EX/2EX (SANS 6009-0/7 Ex e II T6 / 60079-15 Ex nA II T6 / 61241-1-1 Dip B21 Tb T6
- Ingress protection: IP 68

Cable requirements:

- Cable requirement: 0,2 or 0,5mm (Mylar screened twisted pair 4 core)
- Cable lengths: up to 100m between power supply and sensors using 0,2mm conductor and up to 200m using 0,5mm conductor

Connection:

- Connection method : wire protected positive screw terminals

Power specifications:

- Powered by 12vdc supply from gas detection panel
- Power consumption: Typical 65ma standby - 78ma (Alarm)

Environmental:

- Operating temperatures : - 15° + 55° C
- Humidity: 90% Rh
- Response time : T4 135°C

Outputs:

- N/O - N/C dry relay contact (*jumper selectable*)

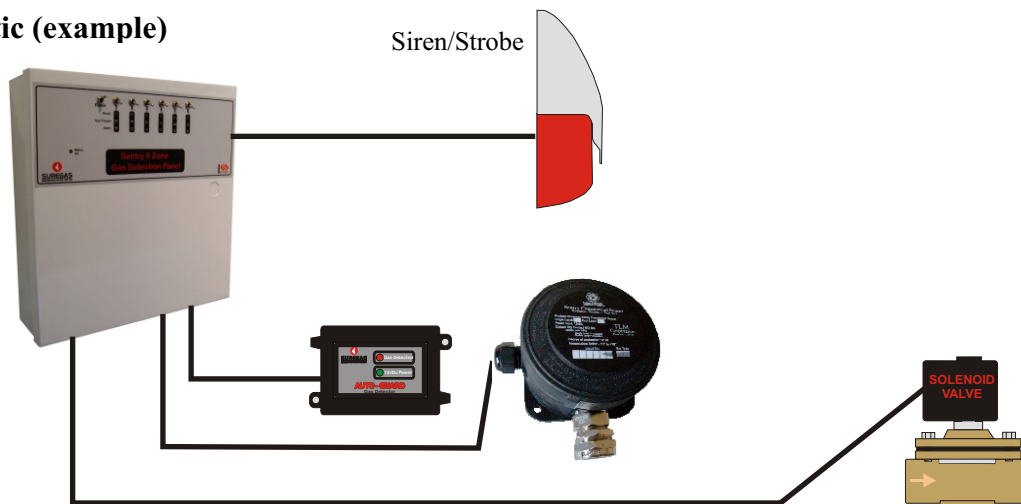
Sensor element:

- Electrochemical
- Detection from 10% of LEL
- Factory set to detect at 20% of LEL

Sensor element protection:

- Hydrophobic and stainless filters that protect the sensor element

Connection Schematic (example)



GasDetek details:

GasDetek is a company with skilled technical service. With a strong R&D commitment GasDetek manufactures user friendly products designed to make life safer for the user.

GasDetek

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