GaSis-EX Natural Gas and LPG

TECHNICIAL SPECIFICATIONS

- **Operating voltage:** Input; 230VAC 50Hz
- **Output voltage:** 230VAC 50Hz
- **Working power (Stand by):** 2.5 W
- **Device type:** A type
- **Calibration time:** Between 20 - 60 seconds
- **Buzzer sound output:** 85 dB
- **Sensor measurement standard:** TSE EN 50194-1
- **Sensor and device life:** 3 Year
- **Alarm level:** Methane (Natural Gas) 7% LEL (± 0.4% LEL) lower explosion limit
- **Operating temperature:** -20 ° C to 50 ° C
- **Degree of protection:** IPX2D
- **Sensor protection class:** II 2G Ex mb IIA T6 Gb

TSE   CE   GAZMER   TÜRKMALI MADE IN TURKEY   Ex   PATENTED

GENERAL FEATURES

- Detects flammable and explosive gases in industrial kitchens, boiler rooms, central systems, LPG gas stations. It gives an audible and light warning. In case of gas leakage above the 7%LEL (±0.4%LEL) limit in the environment, thanks to the contact output; It provides operation by sending signals to systems such as horn, siren, gas cut-off valve (solenoid valve).
- 1st Part (Function) There is an electronic card in the function part, which is the part where the product gives visual and audible warnings. The electronic card in the plastic box with IPX2D protection class is preserved by this method. The device, which has TSE EN 50194-1 standard and CE certificate, should be kept in a safe area outside the explosion part.
- 2nd Part (Detection) This part of the product in a hazardous environment consists of two main materials. It consists of a protection gland made of hard aluminum and a gas sensor with the feature of detecting the dangerous gas inside. The sensor is placed inside the protection gland with a plastic socket. Function part association is provided with the cable connected to the required connection points. Intervention by unauthorized persons inside the Gland is prevented.

INDICATORS AND WARNINGS

- Alarm: Illuminated indicator and audible (Red)
- Power working indicator: The light indicator is lights when 220V is connected to the system. (Green)
- Ready: When the system first starts to work, it will light up between 30 and 60 seconds, which is equivalent to the sensor temperature.Illuminated indicator (Yellow)
- Fault: Illuminates when any fault occurs on the sensor. Illuminated indicator. (Yellow)
- If desired, after the installation , with the Test button, the system is tested for the purpose of checking the operability.

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