

SENSITRON

APPLICATION

Butane (C_4H_{10}) is a flammable, colorless, and odorless gas in its pure state, widely used as fuel in industrial plants, LPG storage sites, commercial kitchens, and civil environments equipped with cylinders or tanks. In case of leakage, it can form explosive mixtures with air even at low concentrations.

Due to its high explosion risk, constant monitoring of butane concentration in enclosed or poorly ventilated areas is essential to ensure safety for people and facilities.

Butane detection in industrial environments

SERVICE TIPS

Remember to periodically check the calibration of the sensors and verify the effectiveness of the alarm systems, especially in environments with limited ventilation.

SMART 3G C2

- Catalytic or infrared sensor
- ATEX II2G Ex db IIC T5 Gb
- IECEX
- Hw SIL2 / Sw SIL3



SOLUTION

For butane detection, infrared or catalytic sensors are recommended. These sensors accurately detect gas in %LEL (Lower Explosive Limit), even in harsh industrial conditions. They are ideal for storage facilities, technical rooms, industrial kitchens, and any installation involving LPG.

SMART 3G C2 gas detectors are specifically designed for industrial and civil installations, equipped with certified electronics and interfaces compatible with alarm and supervision systems. ATEX certified, they ensure safe use even in explosion risk zones, allowing for precise and reliable detection in classified areas.

