

Gas Detector FD71CNG



For detection of compressed natural gas (methane) in the protected area. The status is indicated with LEDs and built-in sounder. EN50194-1 compatible on trigger level 5100 ppm CNG (methane) in air, saturation 10% LEL (Low Explosion Level) of the protected area. The signal loop interface line is compatible with the IFS7002 fire control panel.

Technical data

Maximum number of 71CNG detectors in the IFS7002 signal loop: 125 pcs.

Supply voltage :

- Signal loop:
– (15-30) V DC
Power loop:
– (18-30) V DC

Current consumption in Duty mode:

- Signal loop:
– < 350µA at 24V DC
Power loop:
– 55 mA

Current consumption in Alarm mode:

- Signal loop:
– (2±1)mA at 24 V DC
Power loop:
– 75 mA

CNG trigger level 5100ppm in air (10% LEL)

- Dimensions: 134 mm x 36 mm x 112 mm
Weight: 115 gr
Ingress protection: IPX2D
Sound level: 100 dB at 1m
Operation temperature range: -5°C to +40°C
Relative humidity (without condensation): ≤ 95%