

NEW



COMBUSTIBLE & TOXIC GAS LEAK DETECTION

The Safe Guardian enables the constant monitoring of the ambient room air to detect & alarm the presence of toxic and/or combustible gases. With its configurable analog output and Modbus® RTU interface, the Safe Guardian is suitable for use in multiple applications, adapting to different needs.

The Safe Guardian gas transmitter provides safety, accuracy, fast response times and built-in audio and visual alarms. In addition, the Seitron Guard mobile app facilitates the commissioning, configuration and maintenance of the device.

TECHNICAL FEATURES

Power supply:	12 ... 24 Vac ± 10% or 12 . 24 Vdc ± 10%
Power consumption:	5 W
Relay outputs:	3x1 A 30 Vac (voltage-free contacts)
Analog output:	4 ... 20 mA, 0-5 V, 0-10 V, 1-5 V, 2-10 V configurable via app
Modbus®	output via RS485 with Modbus® RTU protocol up to 32 connectable devices
IP Rating:	IP65 (with cables/caps inserted in cable glands)
Working temperature:	-40 .. +50 °C (-40 ... +122 °F)
Humidity:	20% .. 90% RH (without condensation)
Dimensions (HxWxD):	6.93x3.62x3.27 in.

Code	Gas	Sensor Type	Range
Safe Guardian CO	CO	Electrochemical	0 .. 500 ppm
Safe Guardian O2	O2	Electrochemical	0 .. 25 % v/v
Safe Guardian CH4	CH4	Pellistor	0 .. 50 % LEL

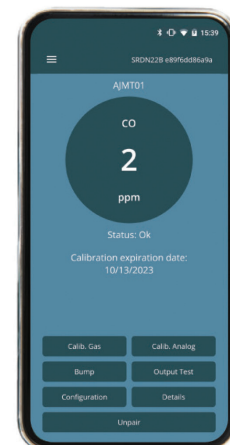


Seitron Guard



The Seitron Guard mobile app simplifies configuration, maintenance and interaction with Safe Guardian gas transmitters.

- Bump test/calibration
- Product configuration: renaming of device for easy localisation, alarm
- Setting thresholds and managing output settings
- Maintenance: LED test, buzzer function and relay check
- Intuitive monitoring





Safe Guardian is suitable for various applications in industry.

Choosing the appropriate gas sensor to monitor for gas leaks in industrial environments and processes is crucial when it comes to stationary gas transmitters. The range is constantly evolving to include different types of toxic and combustible gases that can be detected with different types of sensors, also driven by specific application requirements.

Calibrating Seitron **Safe Guardian** is very easy, thanks to our Seitron Guard kit and mobile app.

The calibration kit includes a magnetic stick and a gas adapter. These items allow operation in the field, without removing the detector cover.

By following step-by-step instructions on the App, the user can fine-tune the device ensuring high performance operations. Periodic bump testing and transmitter calibration help maintain the safety and efficiency of installations.



Safe Guardian calibration kit

ACKC01

For bump testing and calibration. Includes magnet for pairing transmitter with Seitron Guard app.

(Accessory not included in the kit)

Part Number	Gas
SACN27B	Safe guardian CO
SAGN25B	Safe guardian O2
ACKC01	Gas Calibration Kit