

M500 Series Gas Monitor



The basic and reliable monitor

The **M500 Gas monitor** is a basic and **reliable** monitor, which can be connected to either a **combustible gas detector**, an **oxygen detector** or a **toxic gas detector**.

The M500 can **easily** be **installed** with the clear installation and operating instructions.

Relay outputs are available for **two adjustable alarm levels**, which can activate peripherals such as an alarm flashlight, a sounder, a text panel or the closing of a gas valve.



Scope

The M500 gas monitor is used in those applications where a single point gas detection is sufficient, such as in **HVAC systems** (combustible gas, rooms with nitrogen generators or nitrogen storage (lack of oxygen)) and **laboratories** (carbon monoxide).

Instructions

Included in the manual M500

Benefits

- Easy installation and operation
- Small dimensions
- Very good price / quality ratio
- Suitable for different types of gas detectors

References

- Sabic Innovative Plastics
- TLR Rotterdam
- Air Liquide Rotterdam
- Delta Nuts Middelburg

Safety aspects

Included in the manual M500

Certificates

CE conform
EN50081-1
EN50082-1
EN60065



The M500 Gas monitor is a simple and reliable monitor, which can be connected to either a combustible gas detector, an oxygen detector or a toxic gas detector.



On the front panel LEDs will indicate the status of the gas detection system:

One green LED: system is operational

Two red LEDs: alarm level 1 or 2 is triggered

A yellow LED: error in the detection circuit or detector

In case the alarm level is exceeded, the internal **acoustic alarm** will be activated. The reset button will suppress the acoustic alarm and the output to the sounder for some time. Only when the detected gas concentration has returned within the **safe range**, the alarm will be and remain deactivated.

Technical Data

Measuring ranges

0...100% LEL, 0...25% O₂ or 0...500 ppm CO

Alarm levels

2 alarm levels adjustable over the entire range

Failure alarm

control of the measurement circuit

Outputs

- 2 potential free (failsafe) relay contacts for front resp. main alarm
- 1 potential-free relay contact for failure alarm
- 1 potential-free relay contact for sounder or horn

Indicators

via LED's on the front panel

Power supply

230 VAC 50 Hz

Housing

Polycarbonate, dimensions 271 x 170 x 90 mm

Weight

1,1 kg