

GMA 88/GMA 88A

Controller for up to 8 detection points



Up to 8 transmitter of the same kind can be monitored by the stationary controller GMA 88. To the controller you can also adapt 2x 4 transmitters of the same kind, i.g. 4 CO-transmitters and 4 H₂S-transmitters (see picture) or 3x CO₂ and 2x NH₃, etc. The GfG product range contains transmitters for more than 500 different gases.

The new controller offers easy wall-mounting, only 3 screws is all you need to fix it. Every controller is adjusted to the respective measurement task. Within the detection range you can set three alarm thresholds. The 3-digit digital display continuously reads the measurement value. By pressing a key the detection range, kind of gas and measurement unit are displayed. All settings are menu-driven. The GMA 88 has a internal monitoring system, which continuously controls the proper functioning of the microprocessor, the parameter memory, circuits and of the transmitter.

- **Controller for all GfG-Transmitters (more than 500 gases)**
- **Monitoring of up to 8 detection points**
- **Robust casing for wall mounting**
- **User friendly operation**

Technical data:

Gas :

Depending on transmitter: explosive and toxic gases/vapors, oxygen

Detection range :

Depending on measurement task: ppm, % LEL, Vol.-%

Power supply:

230 V

Signal input:

0,2 .. 1 mA / 4.. 20 mA

Alarms:

3 alarm thresholds ,
variably adjustable within detection range

Alarm functions:

Exceeding, falling below,
latching, non-latching,
resettable, non-resettable
Hysteresis adjustable
Alarm allocation

Relays output:

4 potential-free relays for alarm and fault,
normally closed, normally open contacts,
switch over relays.
Load: 2500 VA or 300 W
Switching current: 10 AC/DC

Display:

3-digit LED-display for linearised
measurement values, service
1 LED green- operation
1 LED yellow- fault
3 LEDs red –alarm
Display of Max- resp. Min.-values

Calibration functions:

Automatic zero point
Calibration with memory function

Dimensions:

Controller GMA88
256 x 254 x 123 mm (W x H x D)
Controller GMA88 A
256 x 254 x 123 mm (W x H x D)
(incl. Buzzer and alarm lamp)

Climatic conditions :

-20 ... + 55 °C (for operation)
15 ... 99 % rel. humidity (for operation)
700 ... 1300 hPa (for operation)

Protection class:

IP 54 (splash water proof)

[Please ask for more information:](#)