EASYCON GW
Product information

Gas warning device

Safety on the whole line
Working with dangerous gases involves fulfilling high safety conditions for the protection of people and the environment. These safety measures include monitoring of the surrounding air with gas warning devices. These register the increased concentration of gases in the shortest possible time and issue an alarm as soon as alarm thresholds are exceeded.

Such gas warning devices are typically used in chlorine gas areas of swimming pools or water works, but also in other installations in industry with ozone and other dangerous gases.

A versatile partner
The EASYCON GW is Lutz-Jesco's latest generation of gas warning devices. The progressive development of the semiconductor technology makes for an ever more precise and faster sensor and measurement process.

The device uses high-performance sensors for detecting chlorine gas, chlorine dioxide and ozone. These sensors provide a very fine measurement range, fulfil the highest quality standards and have a long service life. They can be connected with conventional warning signals (acoustic warning, flashing lights) and/or emergency systems (e.g. sprinkler systems or a gas scrubber). The simple operation of the EASYCON GW, its digital display via a colour touch-display and its measured value trend display and memory make for a truly versatile gas warning device.

Functions
- ■ For use with chlorine gas, chlorine dioxide and ozone
- ■ Compact wall casing
- ■ Up to 4 sensors and additionally up to 4 temperature sensors
- ■ Two alarm thresholds freely-settable per alarm sensor
- ■ 3 – 9 potential-free relay outputs
- ■ 4 Analogue outputs 0/4 – 20 mA
- ■ Large colour touch-display
- ■ Data is saved on a USB flash drive
- ■ Data transfer via Modbus

Scope of delivery
- ■ Sensor brackets (10 or 50 m cable) including temperature sensors
- ■ Gas sensors

safety is our concern

Technical data

EASYCON GW			
Measuring ranges	Chlorine gas	ppm	0 – 20
	Chlorine dioxide		0 – 5
	Ozone		0 – 5
Number of sensors			Up to 4 sensors and additionally up to 4 temperature sensors
Relay outputs			max. 5 A, 250 V AC
Switch point alarm			2
analog outputs			4 x 0/4 – 20 mA, working resistance max. 500 Ohm
Display			Colour touch-display (5.0 inch; 800 x 480 pixels)
Power supply			100 – 240 V AC, 50/60 Hz
Power consumption		W	max. 20
Protection class	Gas warning device		IP65
	Sensor		IP54 (except for gas inlet)

Reliable and individual

The EASYCON GW consists of a wall casing with up to four external sensors. The modular design of the gas warning device enables its exact adaptation to suit your needs.

A micro-controller monitors the sensor inputs and the measured values within the given limit values. The device also enables the operator to set two limit values for each measured value. The alarms are switched by three relays.
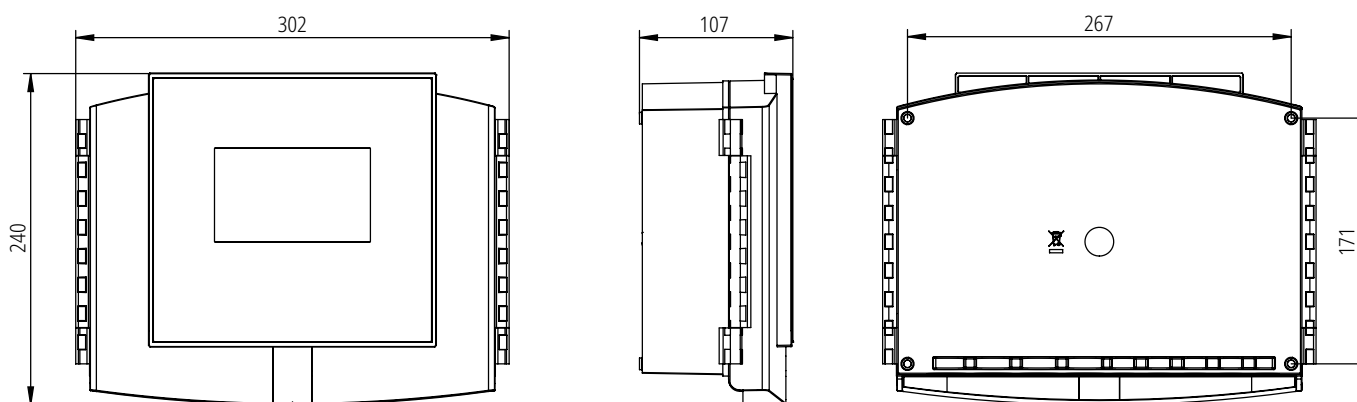
You can chose: The four analogue outputs (0/4 – 20 mA) or the network capability can be used to transfer the measured values to a web browser or a tele-maintenance point.

The settable time interval automatically reminds you of the need to change the sensor following wear. The sensors operate without the need of maintenance.

The measured data is stored on a USB stick for several years.

Dimensions

All dimensions in mm

Optional accessories

- **Alarm horn**
  98 dB, 230 V AC
- **Red flashlight or orange flashing light**
- **Back-up Power Supply**
  Performs the power supply for up to 10 hours.
- **Fumigation cap**

WANT TO LEARN MORE?

🌐 **https://aquaanalytic.ae/**

📱 **+31 715 69 01 51**

✉️ **info@aquaanalytic.ae**

AQUA ANALYTIC
AIR & WATER EMIRATES