A versatile partner

EASYCON GW - Gas warning device

NEW

Safety on the whole line

Working with dangerous gases involves fulfilling high safety conditions for the protection of people and the environment. Included in such safety measures is the monitoring of the ambient air with gas warning devices, which register the increased concentration of gases in the shortest of time and release an alarm if the 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 of 2 years. 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 per sensor of the alarms freely adjustable
- 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

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 alarm thresholds The device also enables the operator to set two alarm thresholds 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.
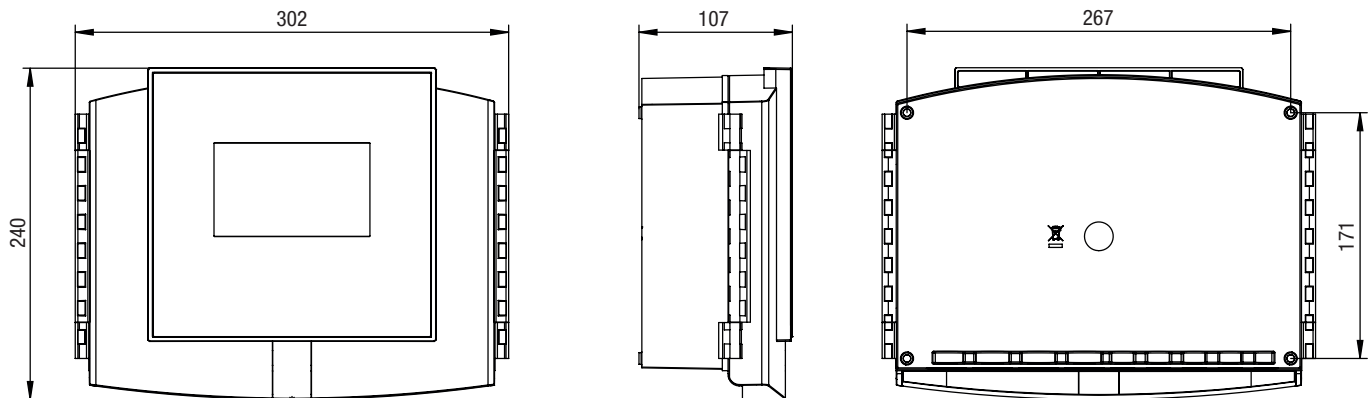
A USB interface enables the operator to save data (e.g. measured values and parameter settings) on a USB flash drive.

Technical data

EASYCON GW			
Measuring ranges	Chlorine gas	ppm	0 – 10.00
	Chlorine dioxide		0 – 1.00
	Ozone		0 – 1.00
Number of sensors			up to 4 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)
Voltage 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)

Dimensions

All dimensions in mm

Optional accessories
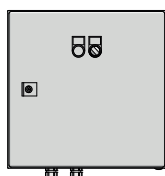

Alarm horn
98 dB, 230 V AC

Red flashlight or orange flashing light

CHLORTEST
For the function test of the chlorine gas sensor.
The device generates approx. 5ppm for a short time.
inc. batteries and generator cell for approx. 1,000 tests

Back-up Power Supply
Performs the power supply for up to 10 hours.

Dosing | *Liquids*
Conveying | *Gases*
Control | *Systems*