

The all-rounder

Gas warning device GW 702



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 maximum limits 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 GW 702 is Lutz-Jesco's fourth 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). Its informative digital display (e.g. concentration level) and simple operation make complete the versatility of the GW 702.

Functions

- For use with chlorine gas, chlorine dioxide and ozone
- Compact wall casing
- Up to 2 sensors
- Controlled by a microprocessor
- 2 freely adjustable limit values of the alarm
- 3 potential-free relay outputs
- 1 analogue output 0/4 – 20 mA
- Digital display
- Automatic or manual sensor test

Reliable and maintenance-free

The GW 702 consists of a wall casing with up to two external sensors. The most modern components of micro-electronics are used in the GW 702. A processor monitors the 2 sensor inlets and the measured value within the given limit values. The alarms are switched by three relays. An analogue output (0/4 – 20 mA) can be used to transfer the measured value.

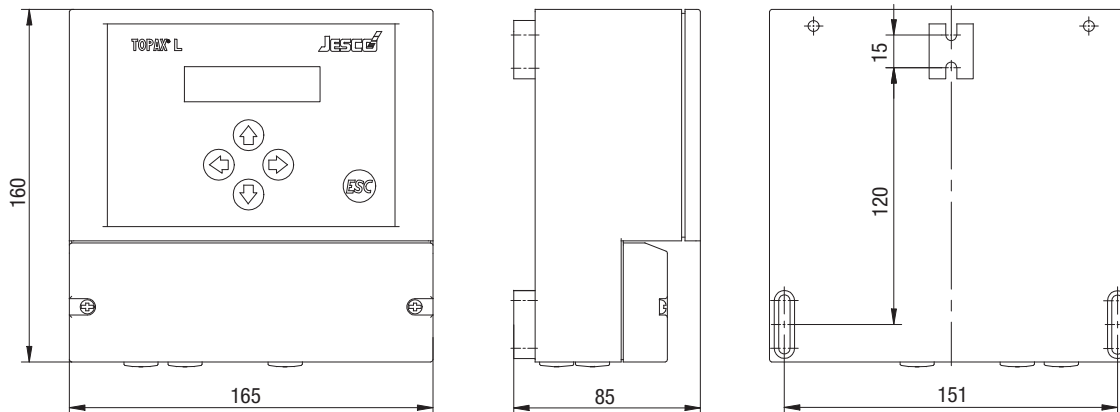
The sensor is automatically electrically examined in a programmable time frame. The sensor test can be carried out manually at any time. The sensors operate without the need of maintenance. The GW 702, depending on the model, is delivered with one or two sensors.

Technical data

GW 702			
Measuring ranges	Chlorine gas	ppm	0 – 10.00
	Chlorine dioxide		0 – 1.00
	Ozone		0 – 1.00
Number of sensors			up to 2
Cable length for each sensor		m	10 or 50
Relay outputs (max. 6 A, 250 V AC)			Relay 1 for alarm 1 Relay 2 for alarm 2 Relay 3 for alarm 2, immediately acknowledgeable
Switch point alarm			2
Analogue output			1x, 0/4 – 20 mA, galvanically separated
Working resistance load			max. 500 Ohm, resolution < 0.001 mA
LCD display			2 x 16 characters, alphanumeric, illuminated
Voltage supply			230 V AC, 50/60 Hz
Power consumption		VA	10
Protection class			IP65

Dimensions

All dimensions in mm



Optional accessories



Alarm horn

98 dB, 230 V AC



Red flashlight



CHLORINE TEST

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.