SCENTY® GSX 100

Compact and reliable

Our little one

Our low-cost and smallest gas warning system can be used in many ways for monitoring CO2 concentration e.g. in breweries, bar areas, cold storage rooms, refrigerated counters and many more possible applications. SCENTY® GSX 100 reliably warns against CO2 gas hazards, optically and acoustically. Connection options for additional signal transmitters or ventilation controls are available. Measured values and operating status can also easily be read from a distance! Low maintenance requirements, with sensor service life >15 years.

Features

The gas detection system SCENTY® GSX 100 is a compact, fast and easy to use gas detection system to be installed for safe and continuous measurement as well as monitoring of elevated concentrations of carbon dioxide (CO2) in the ambient air.

Application
• Monitoring of dispensing systems
• Monitoring of CO2 water dispensers
• Beverage industry
• CO2 refrigeration storage
• CO2 cylinder storage

For the monitoring of one or two rooms via a single control unit. Carbon dioxide is colourless and odourless and can easily build up in closed or poorly ventilated rooms. A leak can quickly lead to life-threatening CO2 concentrations in the air you breathe without you even noticing it.

Consisting of:
• Control unit with acoustic and visual alarm complete with 2 meters of power cable
• Volt-free relay contacts
• Gas sensor with 3 meter sensor cable

The SCENTY® GSX 100 is available in two versions. The standard package with one or two gas sensors.

Benefits

Ready for action immediately! The SCENTY® GSX 100 is a ready-to-use gas warning system for easy installation and commissioning. It consists of a control unit with a display, and LED indicators for operation and alarm status. The rugged waterproof housing, includes an integrated sounder, 2 relay contacts for the control of additional extraction and ventilation systems, an internal power supply and proven HTK sensor technology. The sensor is pre-wired with a 3 meter long cable. Optionally a 2nd sensor can be installed. The sensor operates with a stand-alone background calibration, is self-monitoring and extremely durable. The pre-calibrated sensors are immediately ready for use!

The SCENTY® GSX 100 is simply mounted on a wall and can be either permanently connected to an AC or DC power supply or via the optionally available mains cable.
With its high reliability, short reaction time to changing carbon dioxide concentration, the large display with integrated visual and audible alarms, and the minimal installation, the SCENTY® GSX 100 is a versatile and safe gas warning system for monitoring for dangerous concentrations of carbon dioxide.

We control GASES - since 1978

HTK HAMBURG

SCENTY® GSX 100

Safety first!

ASI 6.80
Safe operation of dispensing systems

We are able to provide help and advice on how to protect you and your employees from the hazards which may occur in the area of a beverage dispensing system. Please call us.

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Technical Data

Type	SCENTY® GSX 100
Comprising	Evaluation unit and sensor unit
Optional	Connection of a second CO2 sensor
Medium	Carbon dioxide - CO2
Measuring range	0-5 vol.%, gas inlet via diffusion measuring head
Measuring principle sensor	IR absorption
Alarm 1	1.5 Vol.% (self-reseting)
Alarm 2	3.0 Vol.% (latching)
Operation indicator	LED display (green)
Alarm indicator	LED display (red)
Fault indicator	LED display (yellow)
CO2 indicator	7 segment display
Display	Measured value: 0.000 / 0.001% resolution
Control element	Acknowledgment of alarm messages is effected by button on the front of the evaluation unit
Service	SEr – Service
Error/fault	Err – Error/fault
Alarm output	1x pot. free relay contact (switching capacity 4A AC max. 230 V, 2A DC max. 30 V) 1x Piezo Buzzer 89 dB
Sensor connection	3 meter control cable
Operating temperature	-10°C ... +50°C
Humidity	0-95% relative humidity, non-condensing
Nominal voltage	110 - 230 V AC / 50/60 Hz
Nominal power	max. 10 Watt
Dimensions	Control unit 151 x 80 x 60 mm Sensor 89 x 80 x 47 mm
Type of protection	Control unit: IP65 Sensor: IP20
Fixture	Wall mounting housing
Declaration of conformity	CE Conformity

The SCENTY® GSX 100 - for example used in office space and in office kitchens

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