

For use in the Beverage Industry, CO2 Storage and CO2 Refrigeration Systems

Specification Sheet
Ref S4S6111-CO2

Features:

- 0-5% Vol Carbon Dioxide (CO2)
- Can be used with 1 or 2 remote CO2 sensors
- Fast response time
- Compact, easy to use, easy to install
- Large easy to read gas display
- Automatic diagnostic system surveillance and fault monitoring
- 2 levels of alarm
- Alarm relay for operation of fans and Sounder/Beacons
- Robust and weatherproof



The S4S GSX100 gas warning system consists of a control unit with a LED display, as well as LED displays for operating and alarm status. An integrated buzzer signals the 2 fixed alarm levels acoustically, providing additional Security. The ready-to-use digital gas sensor is pre-assembled and equipped with a 3 meter sensor cable. The sensor works with a stand-alone background calibration, is self-monitoring and therefore extremely durable. In addition, operation of fan units, for example, can be directly accessed by means of the volt free relay contacts.

With its high reliability, short response time to changing carbon dioxide concentration, the large display, the LED alarm, the integrated acoustic alarm, the low cost of acquisition, the effortless installation, the gas warning unit S4S GSX100 is a versatile and safe gas warning system for the monitoring of hazardous carbon dioxide concentrations.

S4S GSX100

Power Supply

230VAC 50Hz

Measuring Range

0-5% Vol Carbon Dioxide (CO2)

Infrared

Option

2nd 0-5% Vol CO2 sensor

Display

7 Segment Display

Reading 0.000 % Vol

Alarms

Alarm 1: 1.5 Vol.% non-latching, LED Indicator Red and Piezzo Buzzer

Alarm 2: 3.0 Vol.% latching, LED Indicator Red and Piezzo Buzzer

Acknowledgement of alarm messages and faults is carried out by means of push-buttons on the front of the Control Unit

Fault/Service: LED Indicator Amber

Power: LED Indicator Green

Outputs

Volt Free relay contacts (switching capacity max.

4A AC, 2A DC max. 30 Volt)

1x Piezo buzzer 89 dB

Sensor connection

3 Metre cable (supplied)

Temperature

-10° to +50°C

Humidity

0 to 95% RH - non condensing

Dimensions

Control Unit: 151x80x60 mm

Sensor: 89x80x47 mm

Protection

Control Panel: IP65

Sensor: IP44

Declaration of Conformity

CE Certification

Options:



Additional
CO2 Sensor



Sounder
Beacon



Stainless Steel
Mounting Bracket



Stainless Steel
Protection Cap



NOTE: This datasheet is non-contractual

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