

## Single Channel Chlorine (CL2) Gas Alarm System

Direct Analogue Sensor – Gas Monitoring System

Specification Sheet  
Ref: S4S1743CL2

### System Features:

- Data logging
- Three alarm stages + relays
- 4~20mA analogue output
- Sensor input 4~20mA
- Weatherproof
- Back lit alpha numeric full status display
- Front panel access to set up and maintenance of parameters



A fixed single point gas alarm unit that meets the requirements for economic and reliable monitoring of Chlorine (CL2) gas levels in Swimming Pool and Leisure Centre Plant Rooms that may require hazardous area sensing.

#### Measuring Range:

Chlorine Gas: 0-5ppm (Other ranges by request)

#### Indicators:

Two line alpha numeric back lit display

Power - Green LED

Alarms 1, 2, 3 - Red LEDs

Fault - Amber LED

Alarms inhibit - Amber LED

Audible Alarm:

1, 2, 3 and Fault Alarms - mutable

85dB @ 10cm

#### Alarm Settings:

Alarm 1: 0.5 ppm CL2

Alarm 2: 1.0 ppm CL2

Alarm 3: 5 ppm CL2

All alarms are digitally set and are fully adjustable between zero and full scale

Delay to alarm (Option)

#### Sensor Cable:

3 core 0.75mm<sup>2</sup> screened 500m

#### Power Supply:

230/115v AC 50/60 Hz

24v nominal 15 to 30vDC

The two voltages may be utilised simultaneously - standby supply

#### Power Consumption:

4 watts - full alarm

#### Outputs:

1, 2, 3 and fault alarm relays -SPCO normally de-energised - energised option, latched or unlatched. All contacts rated 3A - 230v AC

4-20mA & CANbus

#### Logging:

Intervals - variable time

Roll over/stop

Storage - 2,880 readings RS232 lead

#### Requires:

PC or laptop (dedicated) Hyperterminal - downloaded from S4S website

#### Miscellaneous:

Operating temperature -15 to +50°C

Storage temperature -5 to 55°C

Alarm relay inhibit during calibration Sounder Inhibit System function test

#### Dimensions:

L 145mm H 145mm D 65mm 24vDC version (S) D 100mm AC version (D)

#### Weight:

0.8 kg

#### Protection:

IP64

#### Field Terminals:

Screw type 2.5mm

#### Cable entry:

Top, bottom, sides, rear



S4S Guardian®  
- Point SA  
Chlorine (CL2)  
Gas Sensor



Sonos  
Sounder Beacon



NOTE: This datasheet is non-contractual

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