SEAGULL SAFETY

SINCE 1989

S888-G4 Fire and Gas Controller

- Versatile System Configuration
- Flammable, Oxygen and Toxic Gases
- 1 to 4 sensors
- Plug in sensor channel cards
- Two alarm stages
- Selectable alarm relays
- Analogue 4-20mA output
- Delay to alarm option

APPLICATION

The S888-G4 Gas Alarm has been designed with features that provide an effective response to the detection of gas hazards in a wide range of environments, from commercial premises through to heavy industrial applications requiring hazardous area sensing.

Typical monitor locations are public buildings, boiler plant rooms, swimming pools, water treatment works, H&V control systems, manufacturing and processing plants.

TECHNICAL SPECIFICATION

SENSOR POINTS

- 1 ~ 4
- Type: Infrared, Electrochemical, Catalytic, Semiconductor, PID

MEASUREMENTS

- Combustible Gas - L.E.L., % vol, ppm
- Toxic Gas - ppm, % vol
- Oxygen - % vol Depletion/Enrichment
- Any 4-20mA input signal

POWER SUPPLY

- 230/115v AC or 24v DC and specials

POWER CONSUMPTION

- 12 watts - full alarm

INDICATORS

- Power - Green L.E.D
- Mains Fail - power indicator change green to amber
- Alarms - Red L.E.D.s
- Fault - Amber L.E.D
- Digital Display - 3½ Digit - gas readout
- Sensor channel selection indicator - Amber L.E.D
- System test - Alarm L.E.D.s flashing
- Alarm Relay Inhibit - Fault L.E.D on

OUTPUTS

- Analogue output 4-20mA into 200 ohms max load

Common Relays - user selectable

- High alarm RL2 - D.P.C.O. normally energised or de-energised - factory set de-energised
- Latched or unlatched - factory set latched
- Low alarm RL1 - D.P.C.O. normally energised or de-energised - factory set de-energised
- Latched or unlatched - factory set latched
- Fault alarm RL3 - S.P.C.O. normally energised or de-energised - factory set de-energised
- Latched or unlatched - factory set latched
- Global Alarm Relay RL4 - S.P.C.O. changes on all alarms and is resettable at all times.

Channel Relays

- High and low alarm S.P.C.O. normally energised or de-energised - factory set de-energised
- Latched or unlatched - factory set latched
- All contacts rated 3A/230v AC

ISO 9001:2008 CERT NO.: 621945

ExVeritas®

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AUDIBLE ALARM

- Permanent mute option.
  Lo, Hi, Fault alarms

ALARM SETTINGS

- Digital Setting (fully adjustable between zero and fullscale)
- Delay to alarm T1 - 10 seconds, T2 - 30 seconds,
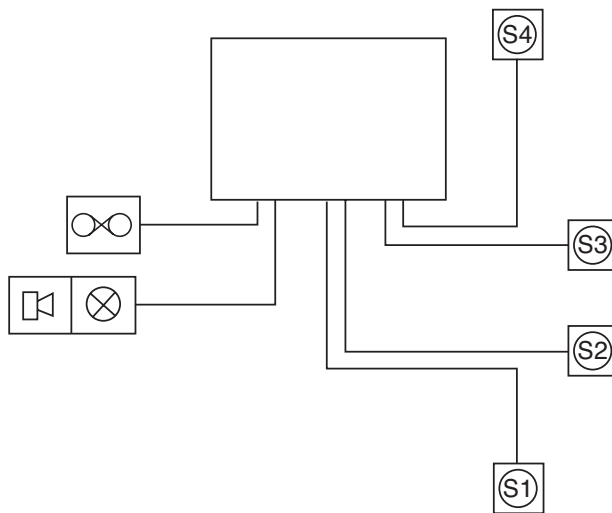 T1 + T2 - 10 minutes

SENSOR INPUTS

- Bridge type 3 wire mV input
- 4-20mA

SENSOR CABLE

- 3 core 1.5mm screened < 1.5km

MISCELLANEOUS

- EMC approvals EN50270 Marine EN60945
- Enclosure - cable entry - bottom/rear
- Operating temperature -10 to +50˚C
- Relative Humidity 0 - 90%
- Protection IP52 - option IP65 overhousing
- Dimensions 314W x 265H x 75Dmm
- Weight 3.6kg
- Optional backup battery
- System/lamp test
- Remote Accept/Reset
- Alarm isolate during service - inhibit