



Seagull Safety

404 GAS ALARM

1-4 Channel Gas Alarm



Specification Sheet ref C467

- 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 404 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 Data

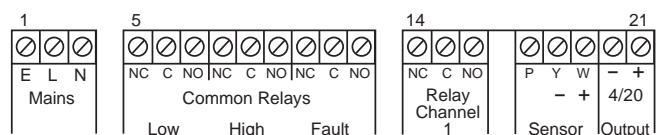
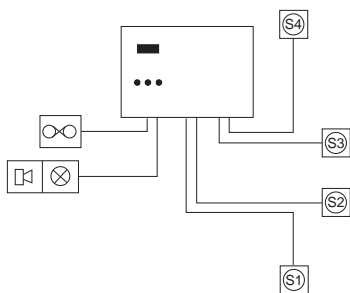
Sensor points	<ul style="list-style-type: none"> • 1 ~ 4
Measurements	<ul style="list-style-type: none"> • Combustible Gas - L.E.L., % vol, ppm • Toxic Gas - ppm, % vol • Oxygen - % vol Depletion/Enrichment • Any 4~20mA input signal
Power supply	<ul style="list-style-type: none"> • 230/115v AC or 24v DC and specials
Power Consumption	<ul style="list-style-type: none"> • 12 watts - full alarm
Indicators	<ul style="list-style-type: none"> • 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 - 3 1/2 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	<ul style="list-style-type: none"> • High Alarm Relay - Common D.P.C.O Normally energised or de-energised, latched or unlatched • Low Alarm Relay - Common D.P.C.O Normally energised or de-energised, latched or unlatched

- Fault Alarm Relay - Common S.P.C.O
Normally energised or de-energised
 - Channel Relays - 1 per channel high or low selectable S.P.C.O
Normally energised or de-energised, latched or unlatched
 - General Alarm Relay - resetable S.P.C.O
 - All contacts rated 5A-230vAC
 - Analogue 4 ~ 20mA output per channel
 - Output 24vDC @ 100mA max - auxiliary equipment (non inductive)
- 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 (electrochemical/infrared)
- Sensor cable**
- 3 core 1.5mm² 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
 - Dimensions 310W x 265H x 75Dmm
 - Weight 3.6kg
 - Optional backup battery
 - Field terminals - 2.5mm quick release
 - System/lamp test
 - Remote Accept/Reset
 - Alarm isolate during service - inhibit

Sensors



Field Terminals



Repeated for each channel 1~4 terminals 14-21

SEAGULL SAFETY LTD
 45 Chestnut Avenue, Wokingham RG41 3HW
 Berkshire, England
 Tel: (44) 118 978 5986
 Fax: (44) 118 977 5261
 info@seagullssafety.com

SEAGULL SAFETY (SINGAPORE) PTE LTD
 1 Genting Link, #07-06, Perfect Industrial Building
 Singapore 349518
 Tel: (65) 6747 9646
 Fax: (65) 6744 4028
 info@seagullssafety.com

