

# Gasflag

## Single channel control panel

CO<sub>2</sub>  
H<sub>2</sub>S  
Cl<sub>2</sub>  
NH<sub>3</sub>  
O<sub>3</sub>  
CO  
O<sub>2</sub>  
CH<sub>4</sub>  
SO<sub>2</sub>  
CO<sub>2</sub>  
H<sub>2</sub>S



### Gasflag

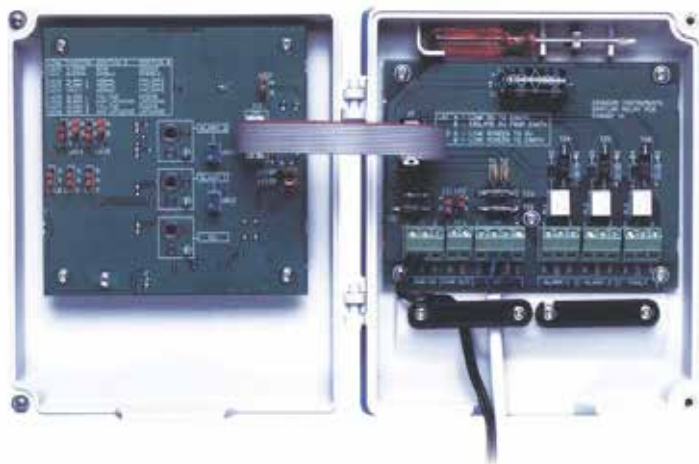
Gasflag is the cost effective solution to monitoring a single flammable, toxic or oxygen gas detector. Ideal for use in applications such as filling stations, swimming pool plant rooms and boiler rooms; Gasflag provides clear indication of gas hazards in a simple to use package.

#### Cost effective solution to simple gas detection problems

- Low cost
- Easy to use, one button operation
- Integrated indicators and sounder
- Alarm and fault relays for switching external devices
- Accepts industry standard 4-20 mA inputs
- Normal or fail-safe relay operation
- Simple installation with minimum maintenance



Low cost control panel for monitoring any 4-20mA flammable, toxic or oxygen gas detector. Includes bright alarm LEDs and a loud sounder.



- Alarm setting adjustment controls
- Relay configuration links (rising/falling, energised/de-energised, latching/non-latching)
- Sounder activation/de-activation link
- Power terminals
- Detector terminals
- Alarm 1 relay and terminals
- Alarm 2 relay and terminals
- Fault relay and terminals

#### Gasflag Accessories:

- **Universal 100-240Vac to 24Vdc 750mA power supply:** The power supply is provided with four mains plug adaptors which simply clip in: UK, USA, EU and Australian type.

#### Specifications:

Description	Single channel control panel
Weight	<500g (1.1lb)
Enclosure material	ABS
Sensor connection	Two or three wire connection to sensor via screened cable
Operating voltage	18-28Vdc (universal 100-240Vac power supply available)
Input type	4-20 mA sink or source (selectable)
Panel indication	Power healthy - Green LED System Fault - Amber LED Alarm 1 & Alarm 2 - Red LEDs
Fault current	<3 mA and >23.5 mA (overrange fault)
Operating Temperature	-20°C to + 70°C (-4°F to 158°F)
Humidity	20-90%RH non-condensing
Trip point hysteresis	Alarm hysteresis set at approximately 0.5 mA Fault hysteresis set at approximately 0.2 mA
Response time (typical)	Time to alarm <1 second
Connections	Terminals accept cables of cross sectional area 0.5 to 2.5mm <sup>2</sup>
Relay outputs	Single pole change-over for use with dc signals The relay contacts are rated 1A at 30V dc
Standards	EN50270 - Gas detection EMC standard
Ingress Protection	IP20

Crowcon reserves the right to change the design or specification of the product without notice.

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