



INTELLIGAS

Gas safety & control systems

GDMS Gas detection & monitoring system

Features:

- 2 zones expandable to 4.
- 1 to 4 detectors per zone (with the use of a zone expander).
- Zone expanders available separately.
- Faulty / detector removed warning.
- Zone fault, pre alarm and alarm indicators.
- Pre alarm and alarm threshold individually set per zone.
- Time multiplexed output for real time reporting to BMS.
- Connections for indicator beacons and sounders.
- Fire alarm and emergency stop inputs.
- Uses industry standard 2-10 volt output, 3 or 4 wire connection.
- 5 year “back to base” warranty.





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The Intelligas GDMS system provides a cost effective and aesthetically pleasing solution to gas detection requirements. Its suitable for use in boiler rooms, laboratories and many other applications. The system can power and interpret signals from most industry standard detectors. 0-10v, 4-20ma and switched.

Optional automatic restart after mains failure ensures continuation of gas service to heating and hot water plant in the boiler room. Strobe and sounder outputs ensure external signalling and the relay outputs of the system status make this control panel an extremely flexible solution to gas detection control.

Simple to use “pots” on the main PCB adjust the pre-alarm and alarm set points. Relay outputs provided can signal the operation of thermal links, this could be used to signal an I/O unit on the fire alarm system. Other relay outputs are pre-alarm and full alarm. These could be used to report the systems status to a BMS.

Ask us about our comprehensive stock of gas detector heads.

Technical details:

- Enclosure dimensions 240 x 195 x 90 (keyswitch protrudes up to 50mm more)
- Electrical supply 230v up to 700w depending on outputs used
- **Outputs:**
 - 230v 3.15A 50hz
 - Up to 16 x 2-10v
- **Inputs:**
 - 24v 2A power supply
 - Multiple relay outputs (general and per zone)
 - 0-10v multiplexed
 - 24v beacon output
 - 24v sounder output
 - Optional gas valve output

