



Flamefast GasMonitor

24 Channel Gas Detection System

The New GasMonitor is a low cost, high specification Gas Detection controller for Laboratory installations in Universities, Hospitals and Research Facilities.

With an aesthetically pleasing housing, the ability to monitor up to 24 Flamefast Gas Sensors and relay outputs for remote monitoring or beacon activation, the GasMonitor is a self-contained system suitable for most laboratory installations, whilst the optional BACnet/Modbus interface module allows multiple panels to be easily integrated with the onside BMS.

The addition of data logging provides the last 50 alarm conditions through the user interface, with a full even log available through the USB connection.

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Key Features

- New Stylish Enclosure
- Selectable Ventilation Control Mode
- Auto-reset following Fire Alarm
- Auto-reset following Power Failure
- Optional BACnet/Modbus module
- 24VDC auxiliary power output
- Interfaces for:
 - Thermal Links
 - Ventilation Systems
 - Remote Emergency Stop Buttons
 - Fire Alarm Systems
- Remote reset interface
- Relays for Alarm 1, Alarm 2, and Fault
- UK manufactured

Technical Specifications

Power Supply	85 ~ 300VAC 50/60Hz
Power Consumption	20W Max (Panel Only)
Outputs	Gas Solenoid Switched Mains Alarm 1 SPDT - 5A @ 250V Max Alarm 2 SPDT - 5A @ 250V Max Fault SPST - 5A @ 250V Max BACnet MS/TP or Modbus RTU (with -COM)
Operating Conditions	Temp 0 ~ 50°C Humidity 0 ~ 95% (NC)
IP Rating	IP65
Housing Material	PC/ABS
colour	Pure White (RAL 9010)
Approval	CE, UKCA



External Device Interfaces

24V Out	24V DC Power Out - 600mA (for TR, SS, FGS)
Gas Sensor	BACnet Interface for Gas Sensor
Ventilation	LV Signal to monitor external VFC
Thermal Link	LV Signal to monitor external VFC
Fire Alarm	LV Signal to monitor external VFC
Remote Stop	LV Signal to monitor external VFC
Remote Reset	LV Signal to monitor Momentary Switch

Dimensions – Installer Selectable Options

Height	180mm
Width	180mm
Depth	65mm
Ventilation Mode	ON / OFF
Fire Alarm Auto-Reset	ON / OFF
Power Failure Auto-Reset	ON / OFF

Part Numbers & Common Accessories

Part Number	Product Description
GM-PO	GasMonitor Panel
-COM	+BACnet/Modbus Communication Module
FGS-O2	Flamefast Gas Detector - Oxygen
FGS-CO2	Flamefast Gas Detector – Carbon Dioxide
AVT24G	Traffic Light Alarm Indicator
CABLE1	Belden 8723 Equivalent (100m)

Important: All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application.