CO2, TEMP & RH MONITOR
C/W RELAY OUTPUT (100-240V AC)

Dimensions

Height 125mm | Width 86mm | Depth 36mm

Technical Specification

Power Supply	100 - 240V AC 50/60Hz
Power Consumption	3W Max
VFC Output	SPST - 5A @ 230V Max
CO2 Range	0 - 10,00ppm
CO2 Accuracy	±40 ppm +3% @ NTP
CO2 Display Resolution	1ppm
CO2 Sensing Method	Non Dispersive Infra-red (NDIR)
CO2 Typical Sensor Life	10 Years
Temp Range	0 - 50°C
Temp Accuracy	±0.3°C @ 25°C
Temp Display Resolution	0.1°C
RH Range	0 - 100%
RH Accuracy	±2% @ 20 - 80%
RH Display Resolution	0.1%
Operating Conditions	Temp 0 - 50°C
	Humidity 0 - 95% (NC)
Sampling Method	Diffusion
IP Rating	IP40
Housing Material	Flame Retardant ABS
Colour	Pure White (RAL9010)
Approval	CE

Installer Selectable Options

- Audible Alarm (Enable/Disable)
- Backlight (Enable/Disable)
- Temperature Readout (Enable/Disable)
- Replace the CO2 PPM reading with "CO2"

The unit has four user selectable programmes to control the traffic light and volt free contact set points depending on the application. These are as follows;

Programme	1	2	3	4
Green - Yellow	1,000	800	1,500	1,500
Yellow - Red	1,500	1,000	2,800	2,800
Relay Position	N/O	N/O	N/C	N/C
Relay Set Point	1,000	800	2,800	4,500
Audible Alarm	5,000	5,000	5,000	5,000

Part Numbers & Options/Accessories

Part No	Description
CO2M	CO2 & Temp Monitor
CO2M-H	CO2, Temp & RH Monitor

| OVERVIEW |

The Flamefast Carbon Dioxide, Temperature and Relative Humidity Monitor provides a bold visual indication of air quality using our signature traffic light backlit display, as well as having a digital readout to display the current levels/concentrations.

CO2 levels are considered a good indication of general air quality, therefore can be used an indicator that any airborne contaminants are being removed.

With a built in mains rated volt free contact, the unit can be easily interfaced with Ventilation and Window Control Systems, as well as Gas Safety Systems. Or it can simply be used as a traffic light indicator to advise further ventilation is required.

The unit offer four pre-set programs, two aimed at ventilation and two aimed at gas safety. These affect the traffic light and relay setpoints.

| KEY FEATURES |

- 100-240V AC Power Supply
- Back plate can be pre-wired
- Clear digital readout
- Bold Traffic Light Indication
- Mains rated volt free contact output
- Typical 10 year life expectancy
- Self-calibrating CO2 sensor
- Mounts onto any standard single gang junction box or conduit box
- **UK MANUFACTURED**

flamefast **GAS SAFETY**
Gas Proving, Detection & CO2 Monitoring

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