

## GAS VALVE INTERLOCK CONTROLS ANCILLARIES

### Current switches

The CS2 current switch is used where fan current flow needs to be proved in order for the gas valve solenoid to be enabled. When current flow is present the switch will operate. The fan current carrying cable is passed through the aperture of the current switch and the current switch is connected to the gas interlock controller.

Model no.	Fan current range	Switching level	Dimensions (H x W x D)
CS2	0-10A	Adjustable	30mm x 41mm x 41mm



### Carbon Dioxide sensor

The CO2-K Carbon Dioxide sensor can be used in conjunction with either the GVI-001 or GVI-002. The contacts on the CO2 sensor can be wired in series with the gas valve solenoid and when the CO2-K is activated (CO2 level setpoint reached) the electrical supply to the gas valve solenoid will be disabled. The CO2-K is programmed with 4 non adjustable user selectable setpoints as below. If different setpoints are required please advise at time of ordering.

Model no.	Electrical Supply/ Max load	User selectable setpoints (ppm)	Dimensions (H x W x D)	Mounting
CO2-K	230v 1Ph 50Hz / 3 Amps	800,1000, 1200, 5000	130mm x 85mm x 39mm	Wall



### Emergency stop button

The ES1 emergency stop button can be used in conjunction with either the GVI-001 or GVI-002. When the ES1 is activated the electrical supply to the gas valve solenoid will be disabled.

Model no.	Rating 230v ac	Dimensions (H x W x D)	Mounting
ES1	3A	84mm x 77mm x 95mm	Wall



### Airflow pressure switch

The FPS1 pressure switch is used where fan airflow needs to be proved in order for the gas valve solenoid to be enabled. When airflow is present the switch will operate. The pressure switch comes complete with 2 mtrs of tubing and 2 duct adaptors.

Model no.	Range (Pa)	Max Press. (Pa)	Switch rating 230v ac	IP
FPS1	20-300	5000	1.5 (0.4) A	IP54
FPS50	50-500	5000	1.5 (0.4) A	IP54
FPS200	200-1000	5000	1.5 (0.4) A	IP54
FPS1-IP65	20-300	5000	1.5 (0.4) A	IP65
FPS50-IP65	50-500	5000	1.5 (0.4) A	IP65
FPS100-IP65	100-1000	5000	1.5 (0.4) A	IP65

