FINE CONTROLS (UK) LTD

Fine Controls have been supplying process controls & instrumentation equipment since 1994, & now serves an ever expanding customer base, both in the UK & globally.

We offer a full range of valve & instrumentation products & services, with our product rangerepresenting leading technologies & brands:

Flow: Flow Meters & Transmitters, Flow Switches, Flow Control Valves & Batch Control Systems

Temperature: Temperature Probes & Thermowells, Temperature ransmitters,Temperature Regulators & Temperature Displays

Level: Level Transmitters & Switches

Pressure: Pressure Gauges &Transmitters, Precision & High Pressure Regulators & I-P Converters, Volume boosters.

Precision Pneumatics: Pressure Regulators, I-P Converters, Volume Boosters, Vacuum Regulators

Valves: Solenoid & Pneumatic Valves, Control Valves & Positioners, Actuated Ball, Globe or Diaphragm Valves & Isolation Valves

Services: Repair, Calibration, Panel Build, System Design & Commissioning

FIRE CONTROL PANEL

Application

The fire control panel can be used as the centre point of a comprehensive fire protection system incorporating all the components of our range. This includes thermal links, panic button, alarm bells and gas detectors. The panel contains an ON/OFF switch, a green power "ON" lamp, a red "ALARM" lamp and a reset button. When installed in a typical system as shown at the beginning of this section the panel operates as follows : When power is supplied, the alarm lamp will illuminate and any external alarm fitted will sound. This is stopped by pressing the reset button. The panel is now armed and will be providing voltage to the fire safety valve (or other equipment). Immediately upon one of the external sensors detecting a hazardous condition the electrical supply to the fire safety valve will be disconnected, the external alarm (if fitted) will sound and the alarm lamp will illuminate. The panel will stay in this state until manually reset using the green button. The fire safety valve will need to be manually reset after the control panel has been reset.

Features
· Single control for fire valves, thermal links, panic buttons, audible alarms etc.
· Fully automatic
· Power "ON" AND "ALARM" lights
· Gas detection option
· Simple installation
· Voltage free NO and NC contacts for interface with building management systems
· Protected to IP55

Installation
The fire alarm panel can be mounted either by one hole in each corner, accessible from inside the box or by wall mounting brackets that are supplied with the unit. It is recommended that the box is only fitted indoors. A removable gland plate is fitted to the base of the box for easy cable entry. The panel should be installed according to the wiring diagram.

Tech Spec
Enclosure: Sheet metal epoxy powder coated
Electrical Connection: Removable gland plate with 68x196mm opening
Electrical Rating: 240V 50Hz 10 amps
Voltages: 240V 50Hz standard, 24V and 110V AC and 24V DC to special order
Contacts: One pair NC and one pair NO voltage free contacts
External Operators: Provision for connection to externally mounted fire valves, thermal links, panic buttons, audible alarms etc.
Warning Lights: Green "POWER ON" and red "ALARM" lamps
Dimensions: 300 x 250 x 174mm
Mounting Box: 260 x 210mm Ø7mm

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Engineered for life 15

LANDON KINGSWAY
SAFETY, CONTROL & ENERGY MANAGEMENT