



Flamefast ServiceGuard

Gas Proving & Services Isolation System

The NEW ServiceGuard is a combined gas pressure proving and service isolation system designed to meet the requirements of IGE/UP/11 for gas safety, whilst providing a complete control solution for Water and/or Electric, with a single key switch to isolate from misuse, and each service can be switched on and off individually.

Diamond Controls Ltd
21a Bessemer Road
Norwich, Norfolk
NR4 6DQ

Contact
01603 745000
sales@diamondcontrols.co.uk
www.diamondcontrols.co.uk

VAT Number: 797 771 750
Registered Company: 4113848



Overview

With a new stylish housing, negative display, and internal hinge system, the ServiceGuard looks at home in any new installation.

Along with a fresh new exterior, the ServiceGuard has also had a major internal overhaul and new user interface, with new menus to allow simple system setup, to view system status, and to access the data-logging function.

The ServiceGuard will allow the users to view the last 50 alarms through the panel display, and a full event log is also available when using the USB interface and Flamefast App, all supported by a real time clock.

Key Features

- New stylish enclosure
- Clear negative display
- Optional BACnet/Modbus module
- Alarm and Event logs as standard
- 24VDC auxiliary power output
- Interfaces for:
 - Gas Sensors
 - CO2 Sensors
 - Ventilation Systems
 - Remote Emergency Stop Buttons
 - Fire Alarm System
- Three options available:
 - Gas, Water & Electric (SG)
 - Gas & Electric (SGE)
 - Gas & Water (SGW)
- UK manufactured

Dimensions

Height	180mm
Width	180mm
Depth	65mm / 70mm including Stop & Key Switch

Technical Specification

Power Supply	85 ~ 300VAC 50/60Hz
Power Consumption	20W Max (Panel Only)
Output	Gas Solenoid Water Solenoid Electric Contactor Valve Status Switched Mains (5A Fused) Switched Mains Switched Mains 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)
Approvals	CE, UKCA

External Device Interfaces

Pressure Transmitter	PT00 Connection
24V Out	24V DC Power Out - 600mA (for TR, SS, FGS)
Gas Sensor	BACnet Interface for FGS Range
CO2 Sensor	LV Signal to monitor external VFC
Intake Fan	LV Signal to monitor external VFC
Extract Fan	LV Signal to monitor external VFC
Remote Stop	LV Signal to monitor external VFC
Fire Alarm	LV Signal to monitor external VFC

Installer Selectable Options

Gas Proving Fill/Test Time	5s Fill + 30s Test / 10s Fill + 60s Test
Availability Timer	Off / 4 / 8 / 16 Hours
Availability Time	Gas Only / Gas, Water & Elec

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