



INTELLIGAS

Gas safety & control systems

GSS Boiler room gas safety system

Features:

- Combined boiler room gas detection, ventilation interlock, safety control and emergency isolation point.
- BB100 Automatic gas supply restoration after mains failure or fire alarm.
- System can communicate with boiler controls or BMS, informs of a successful restart to avoid "no-gas" boiler lock outs.
- Inputs for thermal links, fire alarm, emergency stop and ventilation fans. An auxiliary interlock is also provided which can be instant shut down or timer delayed.
- Provides single point gas control for plantrooms, avoids confusion with other control systems.
- Easy to follow installation manual and our 5 year warranty provide peace of mind.





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The Intelligas GSS is a purpose made gas safety system for boiler plant rooms where gas safety is paramount. Sheltered housing schemes, schools and other occupied buildings, where the plant room is integral to the building require CO and natural gas detection. The GSS provides a simple and effective means of satisfying these requirements while providing the peace of mind that comes with all our industry leading products.

The system blends in seamlessly with other plant controls and provides relay status outputs for warning beacons and gas supply healthy signals. Relays are easily understood by installers nationwide, there are no complicated multiplexed outputs that may require BMS modules and software to interpret.

Our specialist software provides compliance with BB100 which allows for automatic restoration of the gas supply after a mains failure of a fire alarm activation. After which the system will pause, allowing any boiler controls to restart to a point waiting for a healthy signal from the GSS. After the pause the system will restore the gas supply and signal the boiler house controls that it's OK to restart the boilers. No frozen pipes, no loss of service and no complaints from tenants, staff or even pupils!

Technical details:

- Enclosure dimensions 240 x 195 x 90 (keyswitch protrudes upto 50mm more)
- Electrical supply 230v upto 700w depending on outputs used
- **Outputs:**
 - 230v gas valve output
 - 24v aux supply
 - 0 - 10v analogue
- **Inputs:**
 - Fan interlock
 - Fire alarm interlock
 - Auxiliary interlock)
 - Emergency stop interlock
 - Gas pressure switch
 - 2 x 0 - 10v analogue
 - Thermal link

