



GS12 Ignition Module

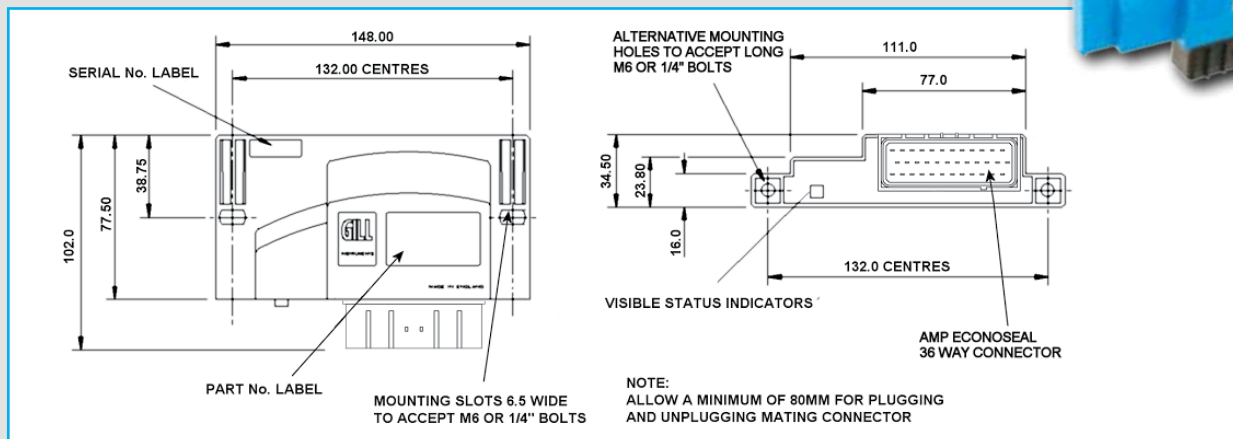
GS12 is a robust, solid-state electronic module that provides highly accurate and extremely powerful inductive ignition, which when tailored with the Gill range of ignition coils, produces spark durations well in excess of any CDI ignition system.

Designed to control normally aspirated, turbo-charged and lean-burn engines, running on LPG, natural gas & bio gas, GS8 utilises the latest inductive ignition technology to ensure that engine emissions are kept to an absolute minimum.



Key Features

- Ignition modules for engines up to 12 cylinders
- Fully programmable via Windows® based GUI software for:
 - Number of cylinders
 - Ignition point for load, speed, temperature and fuel type
 - Dwell with auto supply voltage compensation for full control of spark energy and duration
- Flexible user security feature
- Configurable for OEM engine timing disc patterns and sensors
- On-board visible status indicator
- Optional advanced spark diagnostics



Specification

GS12	
Number of Cylinders	1-12 (programmable)
Ignition Point	Fully programmable for engine speed, load, temperature and fuel type
Timing Maps	Typically 10, programmable to 4,000 RPM
Ignition / Fuel Rev Limits	Fully programmable to 4,000 RPM
Spark Energy / Duration	Full user control via selectable dwell time with automatic supply voltage compensation
Advanced Spark Diagnostics	Option
Inputs	TPS or MAP sensors for load, thermistor for temperature mapping. Ignition inhibit / enable switch
Outputs	On-board visible status indicators Optional: Fuel valve drive, Tacho / Speed signal
Communications	RS232 for programming via Windows® based GUI
Power Supply	12V or 24VDC
Environmental	-40 ° C to + 90 ° C, Sealed to IP67
Connection	AMP Econoseal 36-way
Certification	CSA® Certified Class 1, Div. 2, Groups C and D when installed in the EH12 shielded enclosure



Engine Controls

