



# GS8 Ignition Module

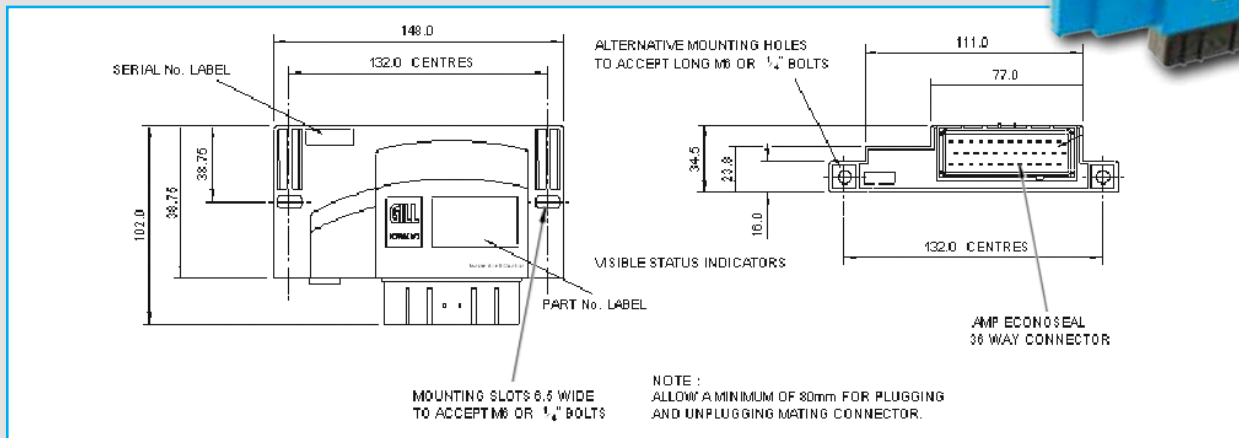
Powerful, compact, reliable and cost-effective; that's how our customers are describing GS8. Designed to control normally aspirated, turbo-charged and lean-burn engines, running on LPG, natural gas & bio gas, GS8 utilises the latest inductive ignition technology to ensure that engine emissions are kept to an absolute minimum.

Packed with useful features, GS8 reduces engine development and set-up times considerably, helping to ensure that costs are kept to a minimum.



## Key Features

- Ignition modules for engines up to 8 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

GS8			
Number of Cylinders	1-8 (programmable)	Inputs	TPS or MAP sensors for load, thermistor for temperature mapping, Ignition inhibit / enable switch
Ignition Point	Fully programmable for engine speed, load, temperature and fuel type	Outputs	On-board visible status indicators Optional: Fuel valve drive, Tacho / Speed signal
Timing Maps	Typically 10, programmable to 4,000 RPM	Communications	RS232 for programming via Windows® based GUI
Ignition / Fuel Rev Limits	Fully programmable to 4,000 RPM	Power Supply	12V or 24VDC
Spark Energy / Duration	Full user control via selectable dwell time with automatic supply voltage compensation	Environmental	-40 °C to + 90 °C, Sealed to IP67
Advanced Spark Diagnostics	Option	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