



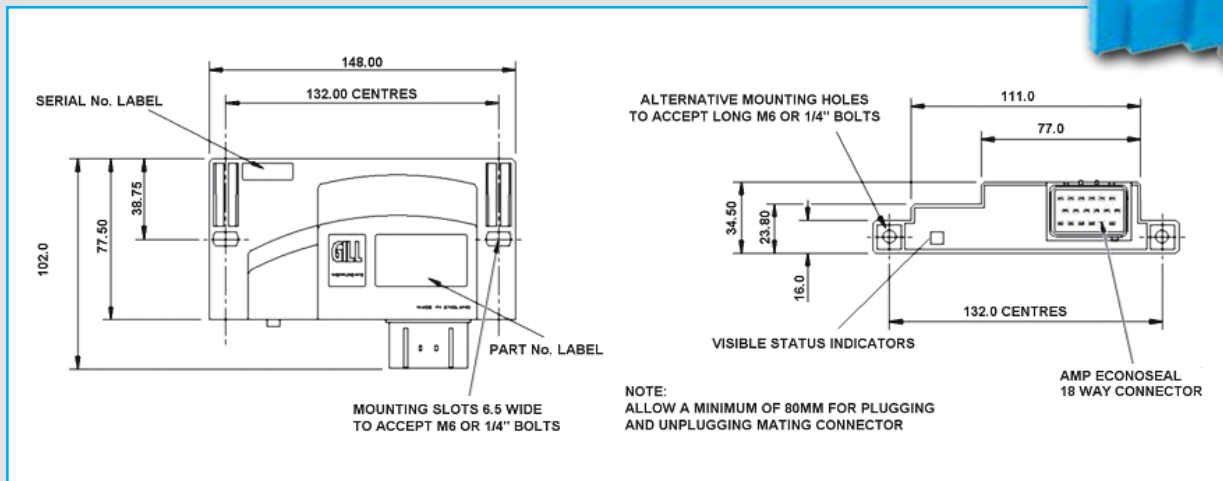
GS6 Ignition Module

Designed to control normally aspirated, turbo-charged and lean-burn engines, running on LPG, natural gas and bio gas, GS6 utilises the latest inductive ignition technology to ensure that engine emissions are kept to an absolute minimum.

The GS6 igniter has specifically been designed with the additional functionality required for the stationary gas engine market, but is also ideal for more complex vehicle applications.

Key Features

- Ignition modules for engines up to 6 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



Specifications

GS6			
Number of Cylinders	1-6 (programmable)	Inputs	TPS or MAP sensors for load, thermistor for temperature mapping
Ignition Point	Fully programmable for engine speed, load, temperature and fuel type	Outputs	On-board visible status indicator Optional: Fuel valve drive, Tacho / Speed signal
Timing Maps	Typically 10, programmable to 6,000 RPM	Communications	RS232 for programming via Windows® based GUI
Ignition / Fuel Rev Limits	Fully programmable to 6,000 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
Temperature Mapping	Option	Connection	AMP Econoseal 18-way
		Certification	CSA® Certified Class 1, Div. 2, Groups C and D when installed in the EH12 shielded enclosure



Engine Controls