



GS4 Ignition Module

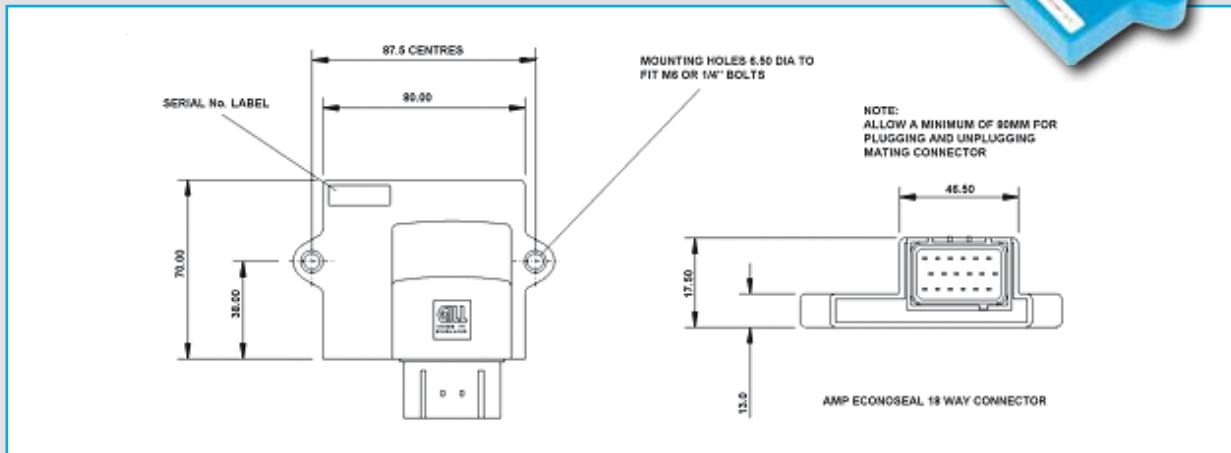
The market for smaller gas engines requires an ignition system targeted to its requirements. The Gill Instruments GS4 ignition module provides just that, a cost efficient, yet advanced ignition system.

GS4 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.



Key Features

- Ignition modules for engines up to 4 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

GS4			
Number of Cylinders	1-4 (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



Engine Controls