# Efficient, cost-effective gas engine ignition module

- Compact ignition module for 1-6 cylinders
- For gas engines up to 13L or 800 in$^3$
- Up to 1500 microseconds continuous spark duration
- Inductive ignition technology
- Improved combustion assists emissions reduction
- Single pickup timing input
- Free, easy to use Windows® based software

## SUMMARY

This economical ignition module is designed for engines from 1 to 6 cylinders including rich-burn, lean-burn, naturally aspirated or turbocharged versions.

Fuel types such as natural gas, propane, LPG, landfill, digester and other biogas fuels are also compatible. Program adjustments to optimize engine performance are easy with the Windows® based software. The GT 6 uses a single inductive pickup for timing input, which can be the Gill timing disc and standard pickup, existing OEM cam disc, A5 conversion kit or a drilled flywheel pattern for wasted spark firing. Use with SM 60 series coils or other Gill approved inductive coils
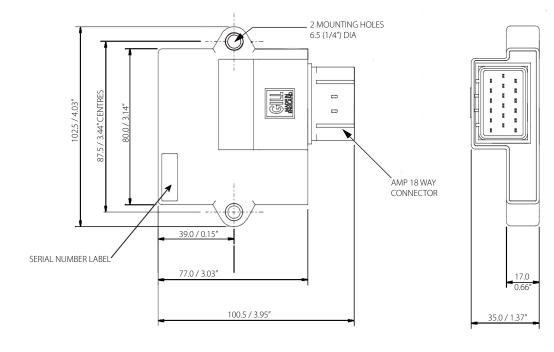
## GT6 SPECIFICATION

| | |
|---|---|
| **Number of cylinders** | 1 - 6 |
| **Power** | 12 / 24V DC, 5 Amp |
| **Spark energy / duration** | 500 to 1,500 µSeconds continuous spark duration |
| **Maximum RPM** | 4000 |
| **Timing** | Global, dual fuel |
| **Timing maps** | Single inductive pickup |
| **Software** | Windows® Based - available in multi-level security versions - basic to advanced Gillfire Software |
| **Programming** | File set-up, save, send, store. Configuration files can be saved, or emailed |
| **Logging** | Verification and troubleshooting - Files can be emailed for additional review by support staf |
| **Communications** | RS 232, DB 9 female connection |
| **Features** | Tach output signal |
| **Visual features** | Integrated LED lights |
| **Application** | Engines up to 13 L (800 in$^3$) |
| **Environmental** | -40˚ to +90˚C sealed to IP67 |

More information at **gillsc.com**

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## DIMENSIONS



102.5 / 4.03"
87.5 / 3.44" CENTRES
80.0 / 3.14"

2 MOUNTING HOLES
6.5 (1/4") DIA

AMP 18 WAY
CONNECTOR

SERIAL NUMBER LABEL

39.0 / 0.15"

77.0 / 3.03"

100.5 / 3.95"

17.0
0.66"

35.0 / 1.37"

## TYPICAL SYSTEM INSTALLATION



Ignition Module

Digital Display
(Optional)

Ignition Coils

SPARK PLUGS

ENGINE

CRANKSHAFT

FLYWHEEL

DRIVE

Shielded Enclosure
(Optional)

Inductive Pickup &
Timing Wheel

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