PE3-IG Specifications and Features

• Programmable, electronic ignition for even and odd fire 1, 2, 3, 4, 6 and 8 cylinder engines
• Coil-on-plug or coil-near-plug ignition with virtually any engine
• Drive inductive ‘smart’ or ‘dumb’ ignition coils
• Ignition advance as a function of RPM and engine load
• Additional compensations as a function of other parameters
• Sequential, distributor and wasted spark modes supported
• Same tuning software as other PE3 series controllers
• Ethernet communication
• Small, lightweight and waterproof
• 4 coil drivers with built in igniters
• Supports OEM crank and cam patterns
• MAP, TPS, air temperature and coolant temperature inputs
• Pulse-2-Sync™ software recognition that allows a MAP sensor signal to be used when a cam sensor is not present for full sequential mode
• Crank and cam sensor inputs can be configured as variable reluctance or square wave inputs (magnetic or Hall effect)
• 3 generic analog inputs
• 2 digital inputs available
• 1 digital output for control of fuel pump, cooling fan, or other actuator
• Dedicated tachometer output
• Standard on-board data logging
• Extensive diagnostic functions