

# PE3 IG

## Compact, Low-Cost Programmable Ignition Controllers

Performance Electronics, Ltd.  
[www.pe-ltd.com](http://www.pe-ltd.com) • (513) 777-5233

### 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*<sup>™</sup> 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

