

PE3SP

Compact, Low-Cost Fuel and Ignition Controllers

Performance Electronics, Ltd.
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PE3-SP000 Specifications and Features

- Programmable fuel and ignition control for 1, 2, 3, 4, 6 and 8 cylinder engines
- Same tuning software as other PE3 series controllers
- Ethernet communication
- Small, lightweight and waterproof
- 2 fuel injector drivers
- 2 coil drivers with built in igniters
- Dedicated 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)
- *Drive-2-Tune*[™] technology that allows the user to simply drive the vehicle while recording data then load recorded data back into the ECU for automatic tuning file updates
- 6 generic analog inputs
- Dual wide band closed loop control (0-5v input) with adaptive learning
- Standard on-board data logging
- 10 digital outputs
 - On/off control of external devices
 - 8 pulse width modulated outputs with variable frequencies and duty cycle tables
 - Nitrous control, boost control, cooling fans, fuel pump control, warning lights, shift lights and many other uses
- Stepper motor driver and CAN bus
- Comprehensive idle air control strategies
- 4 generic digital inputs
- Dedicated tachometer output
- Extensive diagnostic functions



Designed And
Made In The
U.S.A.