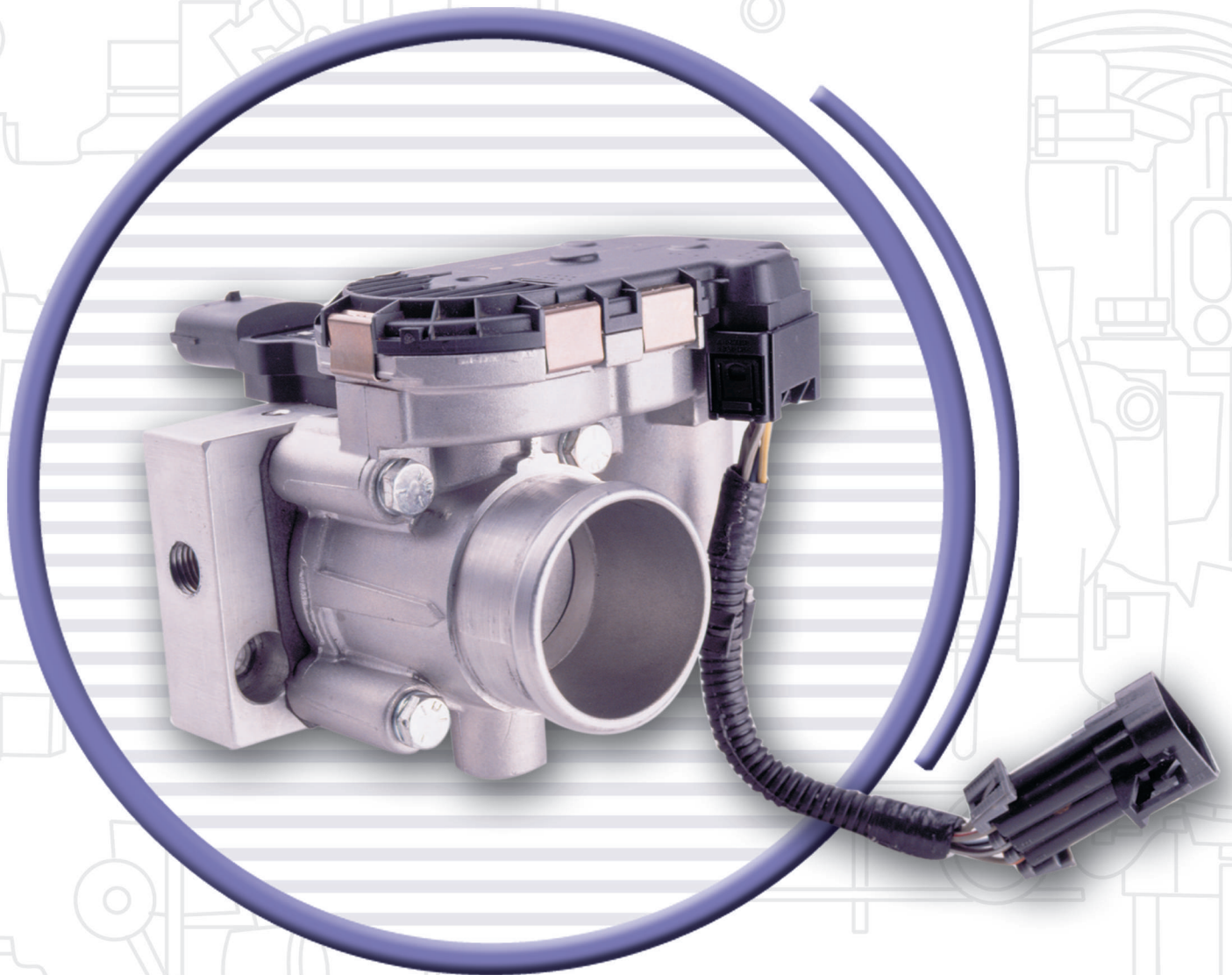
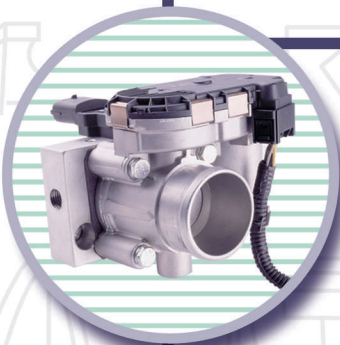




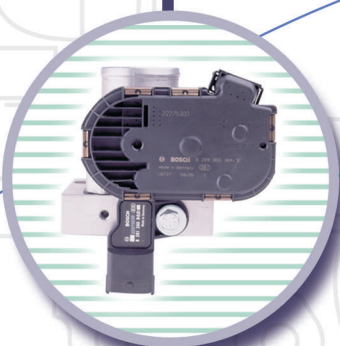
- 12 Volt System, 6-16V d c
- Throttle Bore Size Available = 37mm, 40mm, 54mm, 60mm, 80mm
- Tested to 30G Vibration Loading
- Operating Temperature = -40 degrees Fahrenheit to 284 degrees Fahrenheit
- Storage Temperature = -40 degrees Fahrenheit to 284 degrees Fahrenheit
- Resistant to most industrial chemicals
- Torque = 1.7 N.m (1.25 lb-ft) @ 13.8 volts
- Meets 10 kv (human body) ESD Standards
- CE Compliant (in Europe)
- Throttle Susceptibility test in excess of 200 volts per meter against electromagnetic fields



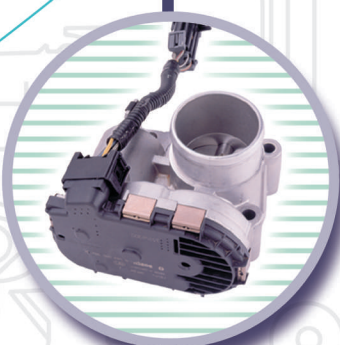
Product Information



TORQUE



HORSEPOWER



Today's industrial engines need to comply with tomorrow's Tier II emission regulations. That's why you will need PSI's Electronic Management System (PEMS) to bring your engine into the next millennium. Our package meets all U.S. Automotive and European normalized standards. By electronically controlling the fuel delivery, horsepower and torque increase dramatically. PEMS is compact in size and is calibrated using the latest technology in Windows based computer software. Calibration time is reduced by more than 70% over most standard PID governors. PEMS also has a faster response standard than most PID governors and is capable of power limiting in any application. In case of an electrical failure, the PEMS unit always returns to the idle position for safety and to insure no damage to your engine. The throttle body unit has sealed bearings that are permanently lubed for long life.

The PEMS also delivers improved idle stability over most industrial electronic throttles using it's "plug and play" operating characteristics controlled by the ECU. A dual-path long-life potentiometer allows for redundancy and safety. Full power and torque is available over the full engine operating temperature range. The ECU is rated fully functional over a temperature range from -40 degrees Fahrenheit to 284 degrees Fahrenheit.

The PEMS also can be configured as a droop or Isochrines governed installation with lightning fast accuracy, precision response, less over and undershoot than most standard PID governors. The unit utilizes feed forward algorithms based on engine operating conditions to calibrate fuel flow and give you the most economical usage.



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www.power-solutionsonline.com

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