



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding





Transportation

Electronic Motion & Controls Division





Electronic controls and solutions for transportation

Parker – an experienced partner at your service

Market Knowledge and Solutions

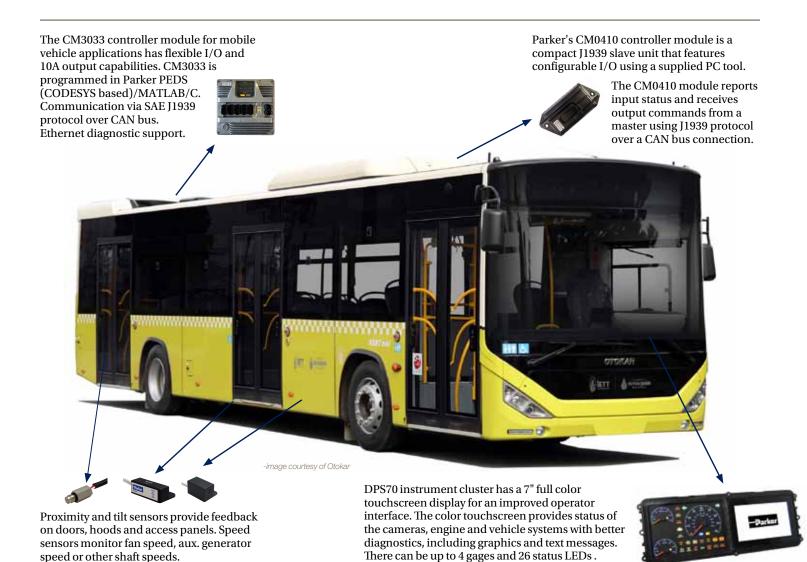
Parker Electronic Motion & Controls Division commitment to the transportation market is clearly demonstrated by the products, the solutions, and the customer service provided. Parker EMC has successfully integrated products that address the needs of truck, bus and rail manufacturers for many years. We offer innovative solutions for operator displays, and CAN based control systems that increase productivity and optimize fuel consumption.

Value in Use

Parker has dedicated teams of specialists working globally to design systems, sub-systems and solutions to meet the most demanding requirements. Among the many immediate value adding benefits realized are; increased productivity, reduced production time, reduced fuel consumption and emissions, and reduced down time.

Certified Electronics

Parker offers comprehensive control systems specifically designed for the mobile industry, fulfilling the latest standards for safety and environmental protection. User-friendly application software tools are used to build up the complete system. The modules communicate via CAN bus, allowing different gateways to other systems. All of Parker's extensive knowledge and experience in motion control on mobile units is built in, providing optimum control and flexibility as well as on-board and remote diagnostics capabilities.



System Solutions

The bus remains the central piece of transportation infrastructure around the world; as a shuttle, urban mass transport or cross country coach. Parker EMC systems can meet all of the requirements of modern transportation vehicles - like buses - and their functions, and capabilities, while providing the operator with comfort and ease of operation.



A CM multiplexed control system offers full chassis control, providing the benefits of reduced wiring and improved diagnostics. Implementation of optional functions like kneeling or ramps is easily accomplished. The DPS70 instrument cluster has traditional dial gages for a clean familiar operator interface, along with a configurable, full color touchscreen-capable display for improved system feedback and operator interaction

Features

- Customizable operator HMI
- Color touchscreen displays
- · Easy serviceability with plug & play option
- Decreased wiring harness complexity
- Proven product and quality performance
- Logged vehicle data and online monitoring capability
- · Sensors specialized for transportation

The Electronic Motion & Controls Division offers individual components and system solutions for transportation and bus electronic controls, using state of the art technology and global experience with transportation applications.



Engineering Your Success

With intelligent and innovative solutions.







Whether for off-highway equipment or over the road truck and bus applications, Parker's Electronic Motion & Controls Division offers full system solutions and products to fit your needs. With worldwide engineering and manufacturing capabilities, the Electronic Controls Division has the experience, skills, and capabilities to provide solutions for virtually any mobile electronic application.

If you would like to discuss your mobile electronics applications, and how Parker's Electronic Motion & Controls Division can offer you a competitive advantage, please feel free to contact us.

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