Devices of the motion controller kit can be designed as driver’s brake valves, traction controllers and master controllers. They are used in a range of different train operations and installed in locomotives, EMUs/DMUs, high-speed trains and metros all over the world. The Motion Controller Kit is tailored to suit the operator’s specific needs, providing reliable, extensively proven technology and tested solutions. Its modular kit design enables Knorr-Bremse to offer project-specific solutions.

**CUSTOMER BENEFITS**
- Configurable man-machine interface as perfect connection to the market leader’s brake systems
- Functional, modular units for flexible adaption
- Optimal space utilization
- According to common standards, e.g. UIC 612
- Short development and manufacturing times
- Easy and cheap overhaul/repair

**APPLICATIONS**
- High-speed trains
- Light rail vehicles
- Locomotives
- Metros
- Regional & commuter trains
- Simulators
- Special vehicles
APPLICATIONS

Devices of the Motion Controller Kit can be used for position- or time-dependent brake and/or traction controller.

KEY FEATURES:

- A range of different driver's handle forms such as ball knob, press button or twist handle are available.
- Pneumatic functions available in 2/2 or 3/2 way versions or with pressure regulator.
- Standard angle sensor output signal is 4…20 mA or PWM encoder. Further signals are available on request.
- Top or bottom mounting on driver’s console possible.
- All functions are available at ambient temperatures of -40 °C to +70 °C.
- Additional switches, pneumatic and electric cut-off functions, colors, inscriptions, mounting points, e/p-connections, locking function and directional lever can be included on demand.

HIGH QUALITY STANDARDS

Devices of the Motion Controller Kit meet the shock and vibration specifications according to EN61373 class 1B and GOST17516.1-90, group M25. In addition to endurance testing with 3 million cycles, tests have also been conducted for corrosion, dust and temperature resistance. This leads to best reliability and safety at the highest level!