



MI-8 TRANSFORMER HUB

Test bench for railway braking systems

The MI-8 Transformer HUB is a new, advanced, modular diagnostics system for rail vehicles. The system features state-of-the-art technology and is suitable for field testing. The system as a whole delivers a very high level of testing functionality and reliability, thanks to the use of standardized components complying with the highest quality standards. The system is one of the most advanced of its kind, setting new benchmarks for user-friendliness and flexibility. It was developed for testing essential parameters in the rail vehicle braking process.



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Measuring options offered by MI-8 Transformer HUB:

- Measuring vehicle braking pressures
- Measuring brake force
- Providing fully automated braking process tests that comply with OBB RIL, UIC or VPI standards

Features:

- Main power supply: 230V AC
- Also battery-powered (built-in 12V/7Ah accumulator)
- Primary air supply: minimum 6.5 bar
- Operating temperature range: -5°C to 45°C
- 16 external pressure channels
- 8 external force channels
- 5 built-in pressure channels
- 2 HUB modules
- Manual testing and analysis of all types of braking systems
- Save, print and share graphs and lists of measurements for further analysis

The test bench can run on the built-in 12V/7Ah battery mounted inside the PIKO 20 HUB unit. An external adapter/charger is included for partially or fully charging the battery. Although the battery can be recharged many times over its working life, the battery capacity will degrade over time. To charge the battery, the test bench's PIKO 20 HUB unit must be connected to a 15-24V DC power supply using the adapter provided.



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