



Test station for tire pressure control devices

Product description

The test station is used for testing TSS control units, TSS trigger transmitters, TSS receiver antennas, TSS wheel electronics in TSS tire pressure monitoring systems.

Field of application

Research & development, quality control and end-of-line test in the production/manufacturing area.



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Technical data

Test bench/device

- Test station for tire pressure control devices
- Test station for TSS trigger transmitter, TSS receiver antenna and TSS wheel electronics
- Mechanical device with change-over contact and change-over adaptation
- control PC
- Measuring and supply electronics in 19"/6 HE housing

Software

- TST-WIN under Windows
 - Carrying out the measurements
 - Visualization of the switched test object functions and test results
 - Automatic type change
 - All settings and sequences menu-driven freely programmable
 - Password-protected access levels
 - Daily/monthly and worker statistics
- Data transfer to line computer for data traceability

Scope of testing

- 32 analog multiplexed measuring channels
 - 0...30 V, resolution 0.1 mV/1 mV, 2 measuring ranges
 - Current injection for measurement 0.1 mA/1 mA/10 mA
 - Sampling time approx. 2 ms for 32 channels, measuring paths freely programmable (e.g. channel 7+ to channel 23 -)
 - Communication/Restbus Simulation via CAN-Bus, K-Bus, LIN-Bus

Input-/visualisation units

- Keyboard
- Monitor
- Labelprinter

Test time

- Individual, depending on test scope

Exemplary device type

- 358 1538