



Test system for steering column switch modules

Product description

Fully automatic test system for testing integrated steering column switch modules. The system consists of a circulating conveyor line, which contains a manual workstation, a transfer station, five test stations and a station for laser marking.

Field of application

Quality control and End-of-Line test in the production/manufacturing area



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Technical data

Test bench / device

- Conveyor belt on basic structure made of aluminium profile tube
- Rotary indexing table
- Pneumatics
- Electrics
- 2x robots
- 3x switch cabinet

Software

- Soft PLC WINAC S7
 - Plant control
 - Control of the individual test stations
- Visualization of test results

Scope of testing

- Flashing/light changeover/wiping/wiping/washing/tempomat
- Ignition starter switch
- Steering wheel lock and key lock
- Multifunction steering wheel and airbag loop-through
- Steering angle sensor
- Sound generator
- Transponder for immobilizer
- Radio remote control 433/315 Mhz
- Gateway for interior bus

Input-/visualisation units

- Keyboard
- Monitor

Test time

- 15 s

Exemplarily device type

- 289 1048