



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	
<ul style="list-style-type: none"> • Conveyor belt on basic structure made of aluminium profile tube • Rotary indexing table • Pneumatics • Electrics • 2x robots • 3x switch cabinet 	
Software	
<ul style="list-style-type: none"> • Soft PLC WINAC S7 <ul style="list-style-type: none"> - Plant control - Control of the individual test stations • Visualization of test results 	
Scope of testing	
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • Keyboard • Monitor 	
Test time	Exemplary device type
<ul style="list-style-type: none"> • 15 s 	<ul style="list-style-type: none"> • 289 1048