



Software



Electronics



Sensors



Universal reading and programming unit for sensors

Product description

The device is a universal reading and programming unit for steering torque sensors. Due to its compact design, it can be used both in the laboratory and in automated production.

Field of application

Research & Development, quality control, End-of-Line test in the manufacturing of sensors.



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Technical data

Test bench/device	
<ul style="list-style-type: none"> 19"/3 U housing <ul style="list-style-type: none"> - Measuring, testing and supply technology - Network connection - USB connector Separate programming head for signal generation close to the sensor 	
Software	
<ul style="list-style-type: none"> Operating system Windows Programmer can be used as slave via Ethernet to higher-level process control Extensive possibilities for controlling the process and the measurements Diverse evaluation and statistics options, data export Integrated management for data security and remote maintenance 	
Scope of testing	
<ul style="list-style-type: none"> Steering torque sensors <ul style="list-style-type: none"> - analog sensors, 2-channel - digital sensors SPC, 2-channel - analog/digital sensors, 4-channel Complete process Data acquisition / parameter calculation / sensor programming / sensor validation Synchronous acquisition of dual sensor outputs and reference transducers (simultaneous analog sampling of two reference signals with pretrigger and floating average filtering at sampling time) Integrated self-diagnosis and error logging Menu functions for automatic operation, manual operation, diagnosis and calibration 	
Input-/visualisation units	Dimensions/Transport
<ul style="list-style-type: none"> 12" Touchdisplay, built-in 	<ul style="list-style-type: none"> 486x320x540 mm (WxHxD) Weight approx. 25 kg
Test time	Exemplary device type
<ul style="list-style-type: none"> Individual, depending on test scope 	<ul style="list-style-type: none"> 409 3945