



Testing/programming station for linear Hall sensors

Product description

The system is used as a programming station for programming and final testing of Hall sensors in hybrid 3-phase current transformers.

Field of application

Development and quality control in the production of Hall sensors with ratiometric analog output.



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Technical data

Test bench/device	
<ul style="list-style-type: none"> Mechanical device with interchangeable adaptation Test adapter with contacts, interlock and protection device Measuring and control technology in 19" rack <ul style="list-style-type: none"> Grid insertion Test PC Sensor programmer Valve terminal 	
Software	
<ul style="list-style-type: none"> TST-WIN test system <ul style="list-style-type: none"> All settings and processes menu-driven and freely programmable Extensive possibilities for controlling the sequence and the measurements Visualization of test results by means of a table of measured values and additional graphic display Module „Remote maintenance" enables remote access by ITronic service personnel Module "MES" enables variant-dependent testing by a higher-level system. Module „ITDB", incl. viTronic, enables evaluation and statistical processing of measurement data 	
Scope of testing	
<ul style="list-style-type: none"> Programming offset, sensitivity and temperature coefficient of analog Hall sensors (via ITronic Universal Sensor Programmer) in try, burn and lock mode Measurement Current consumption, resolution 0.01 mA Measurement Output voltage, resolution 0.01 mV Current imprint 3-phase up to 500 A 	
Input-/visualisation units	Dimensions/Transport
<ul style="list-style-type: none"> Keyboard Monitor 	<ul style="list-style-type: none"> 1400x1950x600 mm (WxHxD) Weight approx. 290 kg
Test time	Exemplary device type
<ul style="list-style-type: none"> Individual, depending on test scope 	<ul style="list-style-type: none"> 368 2056