



CAMILLE BAUER

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SINEAX M560

Programmable multi-transducer line

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Programmable multi-transducer line

Main features

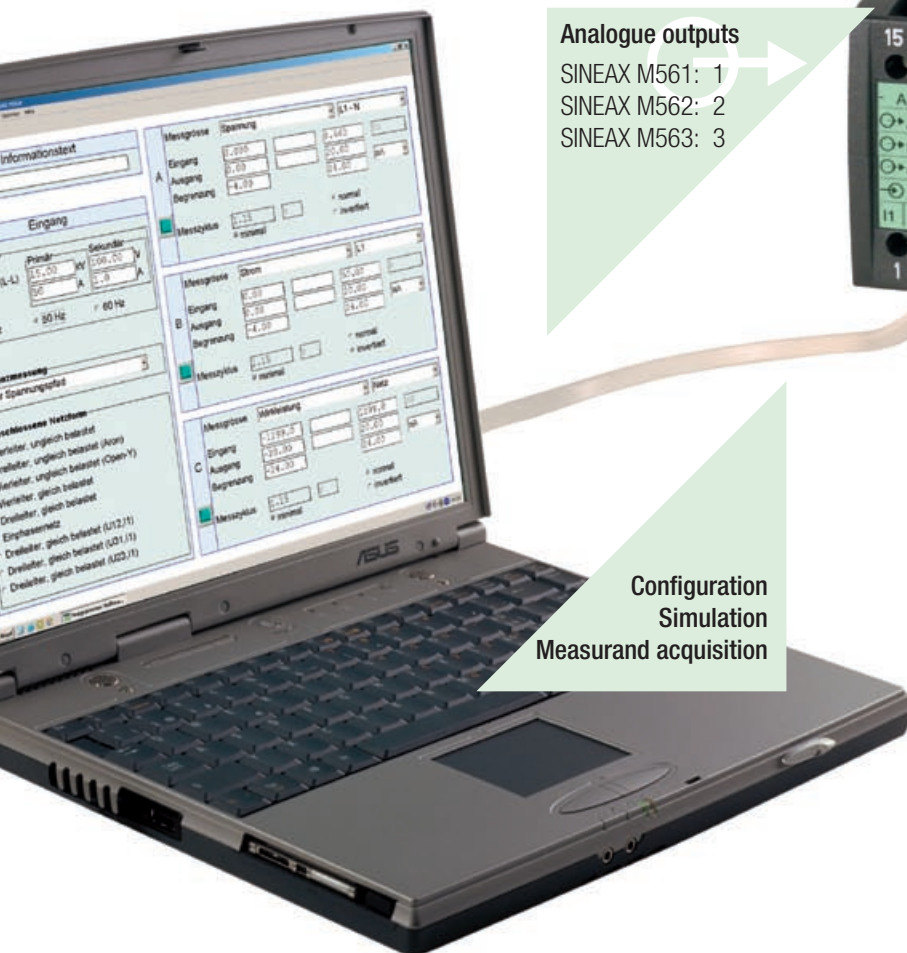
- Suitable for direct applications in all types of power systems, no hardware variants
- Up to 3 analogue current or voltage outputs for any selected measured variable
- Rated input values of 1...6 A and 100...693 V (phase-to-phase) in the same device
- High accuracy of 0.2% (U, I) or 0.5% for all other variables
- EMC far above the legally stipulated limits
- 32-bit Windows software with password protection for measurand acquisition and recording, configuration and simulation
- Universal power supply via power packs with wide tolerances

Application

The transducers of the SINEAX M560 line have been designed for measurement in power distribution networks or industrial facilities. Any measured variable may be displayed via up to 3 bipolar, galvanically isolated analogue outputs and used for on-site display or the connection to higher-ranking systems (e.g. PLC). Areas of particular interest can be magnified permitting also the complete suppression of the initial or final range. The basic accuracy is 0.2% (U, I) or 0.5% for all other variables.

Modernising of existing facilities is one of the main areas of application of the instruments in which the universal properties of the transducer are particularly valuable. The poor protection of older distribution systems

against external influences quite frequently constitutes an aggravating factor. The load of instruments caused by interference and amplified by inadequate wiring may range far above standard limits. To ensure that the instruments work reliably also under extreme external conditions (e.g. lightning) the line was subjected to extensive redesigning. It was possible to increase the immunity of the instruments against EMC influences substantially so that they now meet the higher requirements and range far above legally stipulated limits.



Analogue outputs

SINEAX M561: 1
SINEAX M562: 2
SINEAX M563: 3

Configuration
Simulation
Measurand acquisition



Measuring input
3 voltages/ 3 currents

Universal power supply

Regulations and standards

| | |
|--------------------|------------------|
| Safety | IEC/EN 61010 |
| EMC basic standard | IEC/EN 61000-6-4 |
| AC transducer | EN 60688 |

Measuring input

| | |
|-------------------|---|
| Voltage | 57...400 V (Ph-N) or 100...693 V (Ph-Ph) |
| Current | 1...6 A |
| Rated frequency | 50/60 Hz |
| Types of networks | Single-phase, 3/4 wire systems with balanced or asymmetrical load |

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