

High-precision amplifier Series CFA225-P



5 V, 225 Hz carrier frequency amplifier for strain gauge transducers with the highest precision

- Accuracy Class 0,0025
- Compact design combined with highest precision
- Intuitive handling
- 5 V, 225 Hz amplifier for strain gauge transducers
- Suitable für mobile and stationary use
- RS232 Interface with established communication protocol



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Properties and Features

The CFA225-P supplies strain gauge transducer with a carrier frequency of 225 Hz at 5 V. This kind of voltage offers – according to today's state of the art – the most precise traceability with lowest measurement uncertainties.

With an accuracy class of 0,0025, the CFA225-P is at same time the smallest, most accurate and cost-effective amplifier for full bridges. Transducers with a wide bridge impedance range are supported. Measurement values are shown on the display and can be transferred to other devices via RS232.

In addition to the power supply via the AC adapter the battery operation provides flexibility for mobile use.



Application Areas

The CFA225-P is your ideal precision amplifier for all calibration tasks, where commercially available transducers are used for force, torque, pressure and strain measurements.

Compact Design in combination with highest precision: Ideal für in-house use in the calibration laboratory, for on-site calibrations and all tasks, where signals from strain gauge based transducers must be measured accurately.

In addition to the voltage ratio (mV/V), also scaled values can be displayed.

Links to existing software via RS232 interface is quick and easy to prepare.



Versions

Included in the content of delivery is the amplifier, a small wall bracket, a table-top and a power supply. All in a lightweight carrying case, making it ideal protected for mobile applications.

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