evaluation systems

measuring transducer



dimensions

96 x 96 x 80.5

analog / digital

- aluminum housing for front panel installation
- membrane keyboard
- diverse display options
- easy setting thanks to intuitive operator guidance
- analog output current / voltage
- data logger function
- terminal connection

TFT- color display 4 switching outputs



description

The digital display unit BA96 is intended for front panel installation respectively on-site installation or for mounting on a DIN-rail.

The adjacent electrical standard signal in the range from 0...10V or 0/4...20mA is monitored via the evaluation circuit, adjusted due to the programmed settings and transferred galvanically isolated to the output signal 0...10V or 0/4...20mA.

Due to the possible setting of 40 linearization points also nonlinear input signals, e.g. of horizontal cylindrical containers, can be linearized for further processing. Up to 4 separately adjustable relay switching points can be allocated to the input signal.

The modern evaluation electronics has extensive diagnostic functions for system analysis but nevertheless permits an easy start-up and operation by an intuitive and clearly arranged menu navigation. The BA96 is also suitable for the detection and measurement of flow rates and currents. The corresponding mathematial equations are already stored. The TFT-color display ensures an excellent representation of the measured value and easy legibility. Due to the Bluetooth interface and an integrated data logger function with time stamp for recording up to 500000 measured values, intelligent data management is possible using the BA96.

For further technical data as well as notes about connections and usage please refer to the instruction manual included with each device.



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