DESCRIPTION

The flowscreen is a robust evaluation unit for a wide range of applications. In combination with the flowplus16 the system is for process monitoring of fluids. Both components could be used and integrated as single products due to their standardized signals and connections.

THEORY OF FUNCTION

By means of the special developed software you could visualize signals like the flow rate for optimizing your processes. Instable or pulsating flow rates, e.g. pressure variations could be individual selected and evaluated. The intuitive user guidance of the software and the user-friendly touchscreen guarantee optimal process control for a lot of applications at any time.

APPLICATIONS

Life Science  Photonics  Analytics  Industrial  Electronics

TECHNICAL DATA

- Dimensions (WxHxD) 190 x 135 x 35 mm
- Display module 4,3”, TFT-Display resistive Touchscreen
- Mounting wall-, front panel- or desktop version
- Construction type closed plastic housing
- Weight approx. 460 g
- Operating conditions +10°C to +40°C, air pressure 1 bar
- Storage environment dry & dust-free, -10°C to +40°C
- Measurement programmes Measurement without analysis, Measurement with analysis over max. 2 measurement windows and 1x envelope curve (freely configurable)
- Measurement period 0.1s - 40 min.
- Input 2 extern inputs for sensors
- 2 analog inputs for 0-10 V
- Output 2 error outputs for sensors
- 2 error outputs for accumulate errors
- Time-defined measurement without evaluation, with evaluation max. 2 measuring boxes and 1 envelope
- Long-term measurement without evaluation, with evaluation about max. 1 measuring box
- Feed 24 VDC
- Serial interface RS232: 57600 Baud, 8 databits, no parity, one stop bit (57600/8N1)
- Degree of protection IP40
- Sampling rate Dynamic adaption - dependend on measuring period (2Hz - 200Hz), Measuring period <2s envelope curve not possible