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