



CONTROL PANEL

DESCRIPTION

The flowscreen is a robust graphical evaluation unit for a wide range of applications. In combination with a connected pressure sensor (e.g. 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



Electronics



Analytics



Industrial



Life Science



Photonics

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 bis +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)
Messdauer:	0.1s - 30 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
Measurement:	Individual configuration, without evaluation, with evaluation max. 2 measuring boxes and 1 envelope
Feed:	24 VDC ± 10%
Data export:	Real-time data export via serial interface RS232
Serial interface:	RS232: 115200 Baud, 8 data-bits, no parity, one stop bit (115200/8N1)
Degree of protection:	IP40
Sampling rate:	Dynamic adaption - dependent on measuring period (2Hz - 200Hz), Measuring period <2s envelope curve not possible