

Display

- Display type double-row of 16 characters each, alphanum. LCD
- Quantities displayed
The so-called menus consist of the items of information supplied by the signal processor, grouped by functions. The menus include the desired information and data. By selecting one of the menu items, the preset, measured or calculated data actually used during the signal processing can be displayed. Nearly 150 data can be displayed.

Outputs

- Frequency output proportional to the volumetric flow, mass flow or heat flow, selectable
- Signal failure output on flow meter signal failure
- Remote counter contact output adjustable by volume units, mass units or heat flow units
- Multiplexer contact output for controlling the flow meter in conformity with the volumetric flow
- Current outputs proportional to the volumetric flow and density
- Output signal range 0 to 5 mA, 1 to 5 mA, 0 to 20 mA, 4 to 20 mA
- Serial data transfer line
 - Transmission line RS232 (TxD)
 - Reception line RS232 (RxD)
 - Data transfer format 8 bits - No parity - 2 stop bits
 - Data transfer rate 600, 1200, 2400, 4800, 9600 Baud, selectable
 - Data transfer range, max. 200 m

Measuring errors

- Error of frequency measurement $\pm 0.01\%$
- Error of volumetric flow calculation $\pm 0.02\%$
- Error of totalized volume $\pm 0.02\%$
- Error of pressure measurement $\pm 0.2\%$
- Error of temperature measurement $\pm 0.5\%$
- Error of density calculation $\pm 1.5\%$
- Error of mass flow calculation $\pm 1.5\%$
- Error of totalized mass calculation $\pm 1.5\%$
- Error of specific enthalpy calculation $\pm 1.5\%$
- Error of heat flow calculation $\pm 1.5\%$
- Error of heat energy calculation $\pm 1.5\%$
- Output current error $\pm 0.15\%$ (related to the range of 0 to 20 mA)

The measuring errors always relate to the electric input signals. The error of measuring circuit shall be calculated while taking the errors of sensing elements into consideration.

Other informative data

- Supply voltage 230 V rms $^{+10}_{-15}\%$, 50 Hz
- Power dissipation max. 30 VA
- Ambient temperature range +5 to +40 C°
- Storage temperature range -25 to +70 C°
- Protection IP 20, shock protection: class I
- Dimensions 192 x 96 x 290 mm
- Mass approx. 5 kg