

BT-IFC- Output
CE Certified



Intelligent Flow Computer

Flow
Level
Pressure
Temperature
Measuring
&
Control



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SOLUTIONS
FOR YOUR MEASURING

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Intelligent Flow Computer

Broil sensotek industries Design and developed (not produced) all in one flow Computer for all flow meter available in market like : vortex, turbine, electromagnetic, roots, gear, duplex rotor, orifice plate, V-corn, annubar and thermal flow meter,

its use for all flow measuring application like measuring of : liquid volume, liquid mass, gas volume, gas mass, saturated vapor, superheated vapor and vapor auto,

Flow compensation with pressure, temperature and standard density

Self test facility and self diagnosis facility

3 level password protection

Inbuilt large storage capacity: day and month record 5 years, and year record: 20 years,

Optional communication : GPRS / ETHERNET/ PRINTER

Features & technical data

Dimension : 180*80mm (Horizontal)

Input :

1)flow : pulse input : rectangular/sine and triangle

: current : 0 to 10, 4 to 20 mA,

2)Pressure & temp. comp.

: Thermocouple any

: RTD PT 100

: 0 TO 10mA, 4 to 20mA,

Output: analogue output : 0 TO 10mA, 4 to 20mA,

: communication: RS 232/RS485, Ethernet

: switch : 2 alarm with hysteresis (230v ac/24v dc)

: pulse output

: free output: 24v dc and 12v dc

Display : backlit 128*64 lattice LCD,

: Display flow rate, flow total, energy, power, temp,

pressure, density, medium heat enthalpy, time,

Diff. pressure, date, time, alarm status

Measuring range: -999999 to 999999 flow rate

: 0 to 99999999.9999 flow total

Accuracy : 0.2% FS +/- 1 D

Power supply: AC 220V /24V DC

Printer : through RS 232 to Thermal printer

Operating temp : -20 to 60 deg c

Power consumption: less than 10 W

Protection: after power off total remained up to 20 year,

: power supply low AUTO reset

: abnormal working auto reset (watch dog function)

: short circuit protection

: self heating fuse

Over all above flow computer is use for any fluid,gas and vapor measurement and control.

