

BT-IFC- Output
CE Certified



Intelligent Flow Computer (Flow rate indicator cum totalizer)

Flow
Level
Pressure
Temperature
Measuring
&
Control



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www.broiltech.com
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Intelligent Flow Computer

Broil sensotek industries Design and developed all in one flow Computer for all flow meter available in market,

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

Features & technical data

Inbuilt large storage capacity: day and month record 5 years, and year record: 20 years, Data logging time : manual program HH:MM:SS, or automatic when flow start and stop, facility to read all data at display screen through menu key, data synchronize from flow computer to USB drive with USB PORT

Dimension : 96*96/48*48/180*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

48*48 display OLED

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.