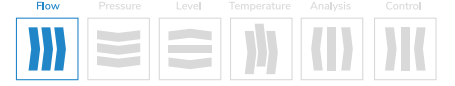


BOCF

Open Channel Flow Computer



OVERVIEW

Operation

Bass Instruments, BOCF series, Flow computer is suitable for many flowmeters thanks to its universal input. Thanks to the TFT indicator it can be easily read in dark or sunny environments. Selected units can be simulated also has a standard communication output.

Application

- Pharmaceutical industry
- Chemical processes
- Mechanical engineering

Features

- 4.3" TFT Screen
- 480x272 pixel resistive touchscreen
- Display rate & Relay status simultaneously
- NEMA 4X, IP65 Front
- 30-Segment bargraph with numeric percent indication
- Error messages
- Selectable Analog and Digital Outputs
- Second Main Screen for all datas in same time
- Selectable units
- RS485 Modbus-RTU communication



OPERATING DATA

Operating Temperature

-20...+70°C

Storage Temperature

-30...+80°C

Max. Humidity

80%, non-condensing

Measurement Units

Lt, kg, m³, mm, cm, m, inch, feet

ELECTRICAL DATA

Power Requirements

24 VDC $\pm$ 10% for panel mount
24 VDC $\pm$ 10% for wall mount

Max Power Requirements

DC: <5W/ AC: 20VA

Analog Input

4..20mA

Analog Output

4...20 mA, 0-5 VDC, 0-10 VDC selectable

Digital Output

Four SPDT relay, 5A max.

Communication

MODBUS RTU via RS485

ENCLOSURE

Connections

Removable screw terminal blocks

Dimensions

144x144x94 mm DIN standard

Material

PVC

Protection

IP65, Front

DISPLAY

Type

4.3" TFT full graphic colour display

Resolution

480x272 pixel resistive touchscreen

Refresh Rate

Fast or user selectable (1...99 sec.)

Programming

By touch-screen or push-button

Non-volatile Memory

All programmed settings are stored in non-volatile memory for a minimum of five years if power is lost

Recalibration

All ranges are calibrated at the factory. Recalibration is recommended at least every 12 months.

