



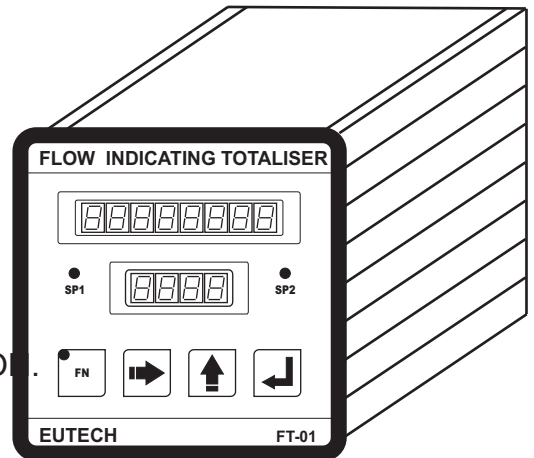
# EUTECH SYSTEMS

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## FLOW INDICATING TOTALISER / BATCH CONTROLLER ( MODEL : FT - 01 )

### FEATURES

- \* FULLY PROGRAMMABLE.
- \* 8 DIGIT TOTALISATION.
- \* 4 DIGIT FLOW RATE INDICATION.
- \* LINEAR / SQ ROOT FUNCTION PROGRAMMABLE.
- \* ISOLATED RETRANSMISSION
- \* AUX. 24VDC P. S. FOR POWERING 2 - WIRE TRANSMITTER
- \* 2 ALARM RELAYS PROGRAMMABLE ON EITHER ON FLOW OR BATCH SETTING.
- \* PASSWORD PROTECTION FOR PREVENTING ACCIDENTIAL ERRONEOUS PROGRAMMING BY AN UNAUTHORISED PERSON.



### DESCRIPTION

Model FT - 01 is designed across an intelligent device to provide you flexibility of programming the Instrument as per your requirement on line using its front keypad.

User friendly programming modes further simplifies its configuration. This Instrument is designed to accept signal from flow transmitter & provide totalisation on 8 - digit, 0.3", 7 Segment LED Display and Flow rate indication on 4 - digit, 0.3", 7 Segment LED Display.

It is also provided with a feature of 2 Alarm Relays will be configured for either on Batch settings or Flowrate settings. For Batch Controller mode two separate settings are provided for Batch Resetting & Cumulative Reset, which simplifies operation for Batch Processes.

Instrument is provided with five operating modes protected with password facility.

### SPECIFICATIONS

1. **Model** : FT - 01
2. **Input** :  
Current :- 1) 0 to 20 mA.D.C. 2) 4 TO 20 mA.D.C.  
Voltage :- 1) 0 to 5 V.D.C. 2) 0 to 10 V.D.C.
3. **Range** : Programmable.
4. **Displays** :  
1) 4 Digit, 0.3", 7- Segment LED Display for instantaneous flow rate ( in engineering units )  
2) 8 Digit, 0.3", 7- Segment LED Display for totalised floe. ( in engineering units )
5. **Auxiliary Supply** : 24 V.D.C.@ 30 mA. For powering external Transmitter.
6. **Retransmission** : 4 to 20 mA.D.C.
7. **Relay Outputs** : Two Programmable Alarm on flow rate or batching operation.  
Potential Free Contacts 230 V / 5 Amp., Resistive Load.
8. **Power Supply** : 110 V / 230 V.A.C.,  $\pm 10\%$ , 50 Hz, Single Phase.
9. **Accuracy** :  $\pm 0.25\%$  of F.S.
10. **Operating Temp.** : 5 to 55 Deg. Centigrade.
11. **Humidity** : 90 % Noncondensing.
12. **Mounting** : Panel Flush Mounted.
13. **Dimensions** : 96 ( W ) x 96 ( H ) x 170 ( D ) in mm. ( Including Connectors )
14. **Panel Cutout** : 92 ( W ) x 92 ( H ) in mm.