

Digital Flow Indicator Totaliser
Model No. : DFT 10

POUSHALI ELECTRONICS

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INTRODUCTION :

The Poushali Electronics make Flow Indicator Totaliser has been designed to measure the value of flow from process and display the totalized value.

The Instrument is front panel mounting type and hazard free in operation. It is designed in three no. of basic cards, namely 'Main Card', 'Power and Output Card' and 'Display Card'.

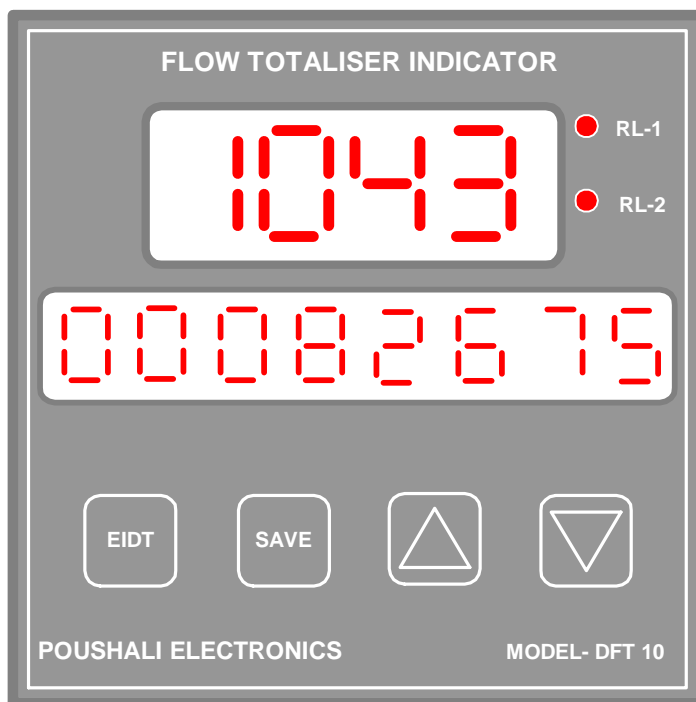
The micro controller based instrument is having a two line back lit LCD Display and four touch keys for programming and control indication along with LEDs as describe bellow.

KEYs :

- 1) EDIT KEY
- 2) SAVE KEY
- 3) UP KEY
- 4) DOWN KEY

LEDs :

LEDs will glow when Relays will be 'ON'

**OPERATION:**

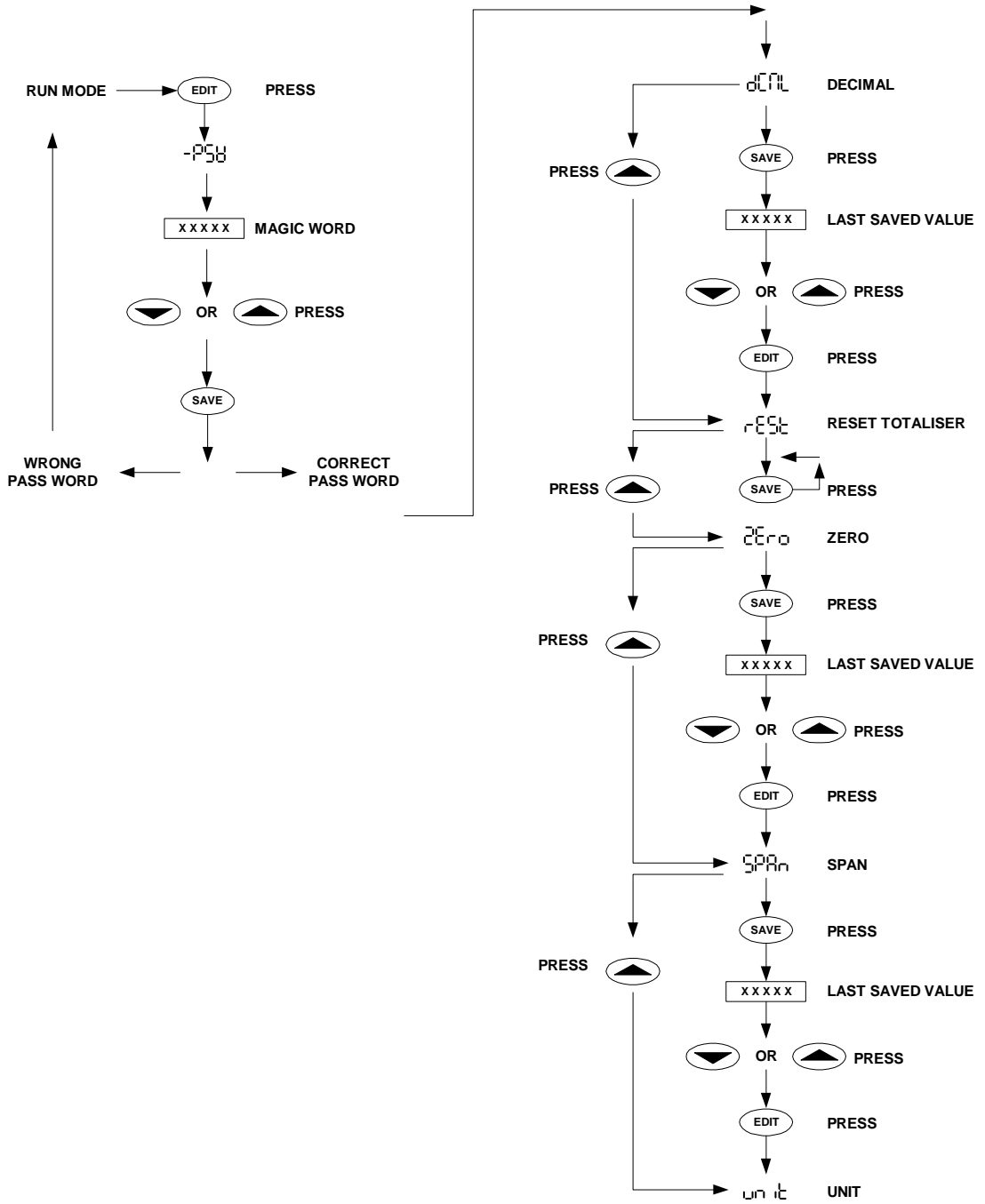
There are two modes of operation, one is "EDIT" (Supervisory Mode) and another is "RUN" mode, where user can run the program from the existing table.

EDIT Mode:

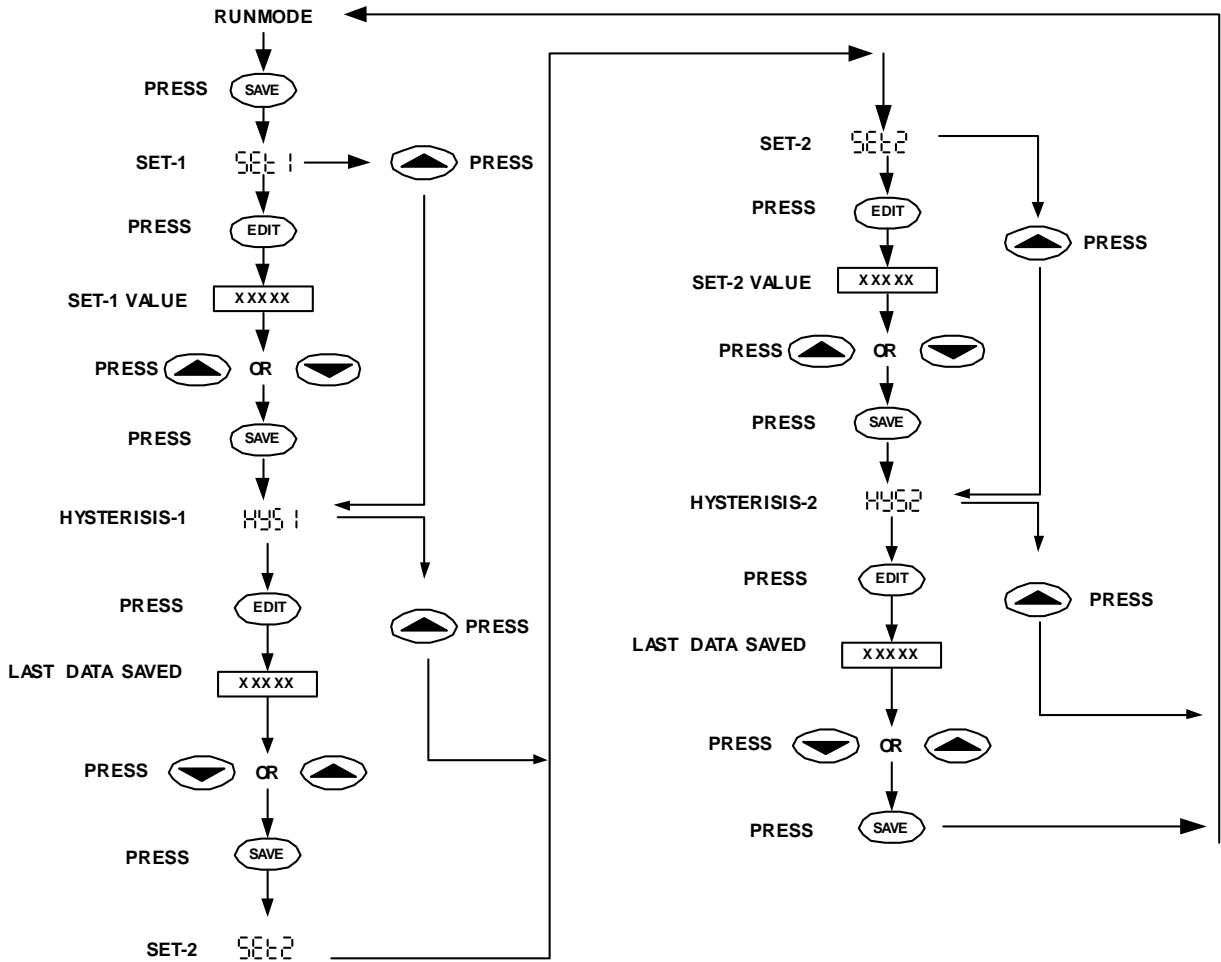
Note: after entering the edit mode, "UP" key and "DOWN" key are both active to go to forward menu or previous menu.

Edit menu is given bellow

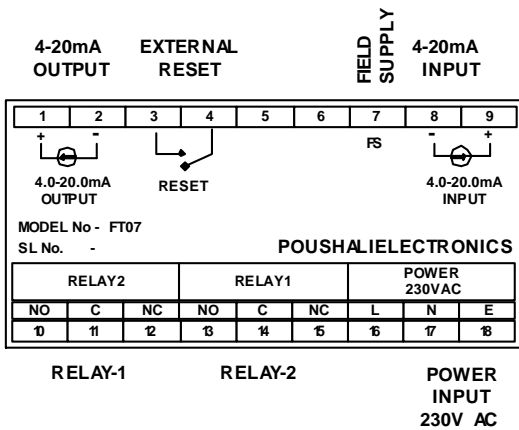
CONFIGARATION MODE



OPERATOR MODE



CONNECTION DIAGRAM



IMPORTANT NOTE:

**If any parameter has been changed always exit through “SAVE & EXIT” mode.
Do not enter calibration mode without proper equipment**

RUN Mode:

With the ‘Power ON’ Instrument will go to “Run Mode’ and it starts to show the measured process flow value and totalized flow.

SAFETY MEASURES:

Enclosure IP54.

FAULT Finding:

- | | |
|----------------------------|-----------------------------|
| 1) No Power | : Check the 230V AC supply |
| 2) Display “000.00” | : Check 4-20mA input signal |
| 3) For other Faults | : Consult Factory |
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