

manas

a name that spells trust . . .



Flow Indicating Totalizer: Series : FIT -100



ADVANTAGES

- Compact in Size
- Field Programmable Parameters.
- Virtual 8 digit Display available to monitor Totalised Flow.
- Isolated 4-20mA D.C. output proportional to Flow Rate.
- Linear or Square Root operation.
- Better Resolution with 4 Digit Display for instantaneous Flow Rate
- Serial Interface with Computer through MODBUS RTU.

The FIT -100 series is a compact sized Totaliser. Totaliser is designed to accept input from DP or Flow Transmitter. It has an option of L.C.D or L.E.D Display. Totaliser can accept input from transmitter operating in Linear or Square Root mode. Flow is integrated to 8 Digit Totaliser, from which 6-Digits can be easily viewed on Display window of Totaliser and remaining 2 digits can be viewed by simple press of an enter button. The 4-Digit Indicator is provided to indicate the instantaneous Flow rate in % or in any Engineering Unit.

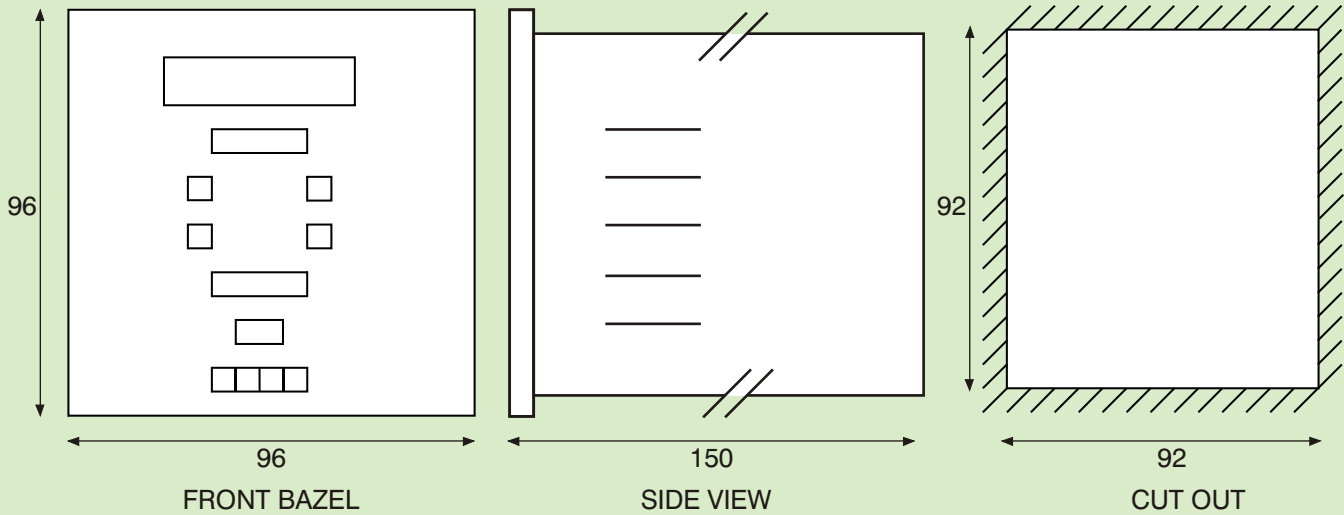
TECHNICAL SPECIFICATIONS:

INPUT	: 4-20 mA d.c
AUXILLARY OUTPUT	: Isolated 4 20 mA d.c. proportional to flow rate.
ALARM SETTINGS*	: 2 Nos. on flow rate with internally fixed hysteresis of 0.5%, typical.
BATCHING**	: 2 Batch Setting possible with 2 independent Relay for coarse and fine setting.
TRANSMITTER SUPPLY	: 24 V D.C @30 mA suitable to power one two-wire Transmitter.
OPERATION	: Linear or Square Root , Programmable from front key pads.
DISPLAY	: 1) 4 digit,7 segment,0.5"LED display for instantaneous flow rate. And 6 digit, 7 segment, 0.3" LED display for totalisation with programmable decimal point & adjustable count rate, Facility to view additional 2 digits of totalised flow available on users will. 2) 16x2 Line LCD option available.
ACCURACY	: $\pm 0.25\%$ of FS. for flow rate as well as totalisation.
KEYBOARD	: 4 Nos. of Keys for Parameter Programming.
STORAGE FACILITY	: Program and Data is stored in the EEPROM.
OPERATING TEMP	: 0 to 50°C
TEMPERATURE DRIFT	: $\pm 0.015\%$ / °C max of FS on flow rate display.
HUMIDITY	: 90% R.H max of FS on the flow rate Display
MAINS SUPPLY	: Universal Supply (85 V AC to 265 V AC at 50 Hz.)
MOUNTING	: Flush Panel.
DIMENSIONS (in mm)	: Bazel 96(H) x 96(W) Cutout- 92(H) x 92 (W) Depth- 150 including terminal length.
CONSTRUCTION	: Plastic Molded
COMMUNICATION PORT	: RS-232 or RS-485 with MODBUS RTU PROTOCOL



*and **: Note that Alarm and Batching Option are not available Simultaneously in single Totaliser Unit .

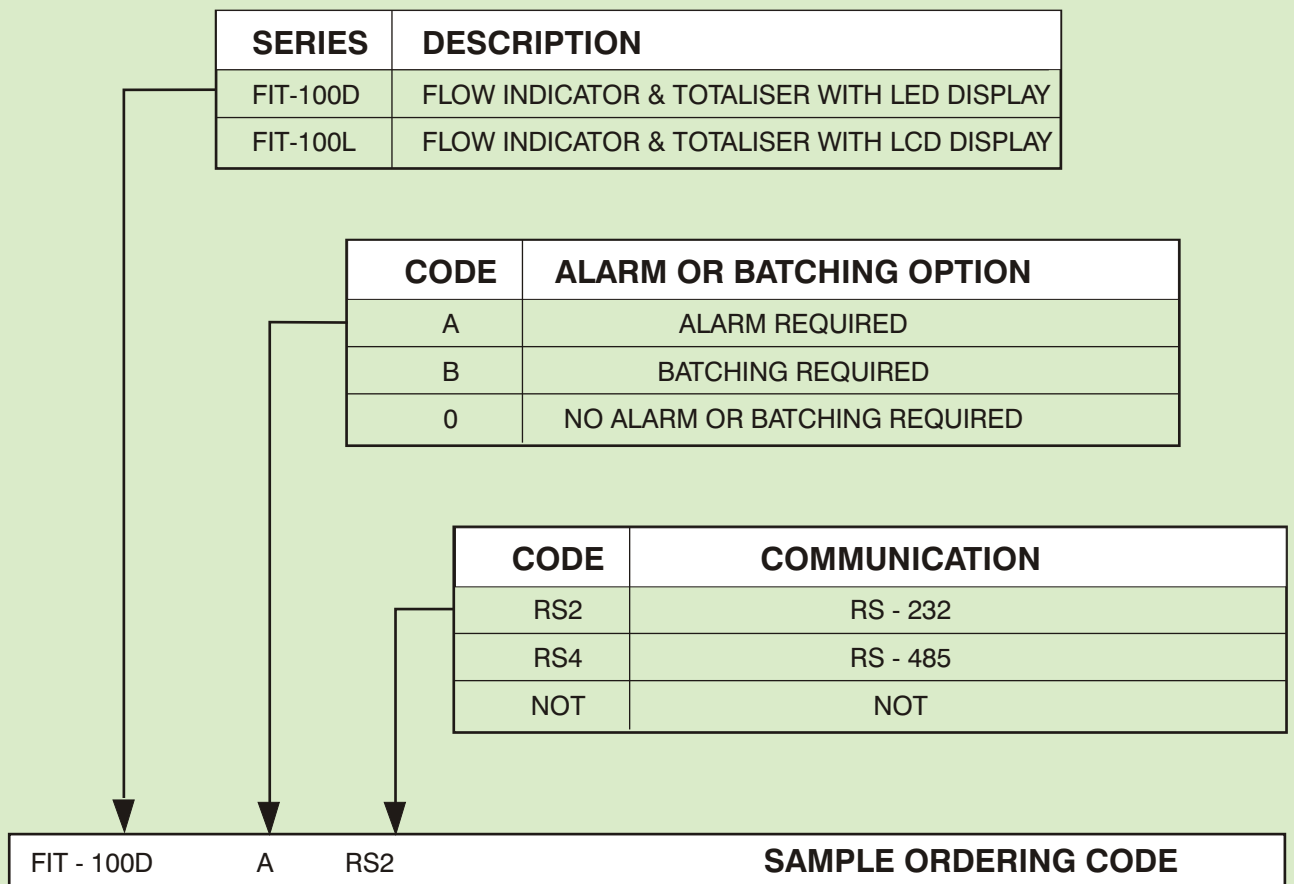
An ISO 9001 : 2000 Company



All Dimensions are in mm. Dimensions as per DIN43700

ORDERING INFORMATION

NOTE: EITHER ALARM OR BATCHING IS AVAILABLE.
BOTH ARE NOT AVAILABLE SIMULTANEOUSLY.



Due to continuous development specifications are subject to change without prior notice.

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