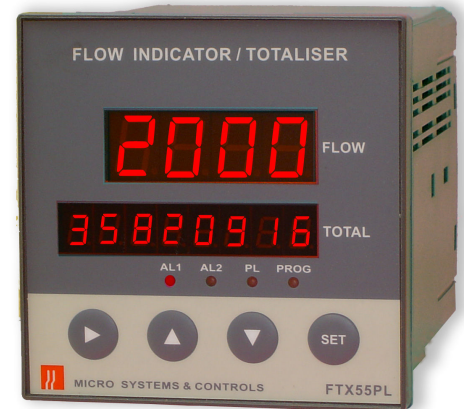


## FEATURES

- ❑ Microcontroller based
- ❑ Analog/Pulse input
- ❑ High accuracy
- ❑ Programmable range
- ❑ Built-in square root extraction facility
- ❑ Two level password protection
- ❑ Full digital calibration via keyboard
- ❑ Optional RS232 or RS485 serial communication interface
- ❑ Optional Isolated Re-transmission output proportional to flow



Flow Indicator / Totaliser FTX55PL is compact and easy to use, designed for monitoring the continuous flow rate and total flow. The flow rate is displayed on the upper 4 digit LED display and the totalised flow is displayed on 8 digits on the second line. The microcontroller based design makes it more flexible and powerful compared to conventional flow totaliser. The unit is suitable for use with any flow transmitter giving pulse or analog current output. Full digital calibration is done via keyboard on front panel. The unit has inbuilt relay outputs for alarm or control application.

## SPECIFICATIONS:

Input	4 – 20mA / 1- 5V or 24V pulse (10KHz max.) [Factory Set]
Power supply	90 – 265V AC +/-10%, 50 Hz, 1 Ph
Measuring range	Field selectable
Display	<ul style="list-style-type: none"> <li>▪ 4 digit 13mm 7 segment LED display for flow rate indication</li> <li>▪ 8 digit 8mm 7 segment LED display for totalisation</li> <li>▪ 4 individual discrete LEDs</li> </ul>
Flow rate	Flow rate: /sec, /min, /hr, (programmable)
Accuracy	+/- 0.1% of Span, +/- 1 digit
Alarm Hysteresis	Adjustable from keyboard
Resolution	Programmable from front panel
Output	<ul style="list-style-type: none"> <li>▪ 2 relays (5A/230V AC resistive max. – 1 C/O )</li> <li>▪ 24 V DC, 30 mA field power supply</li> <li>▪ Optional 4 – 20 mA retransmission output</li> </ul>
Communications	RS232 or RS485 MODBUS RTU serial communications port (Optional)
Square root extraction	Built-in (selectable)

**contd. specifications:**

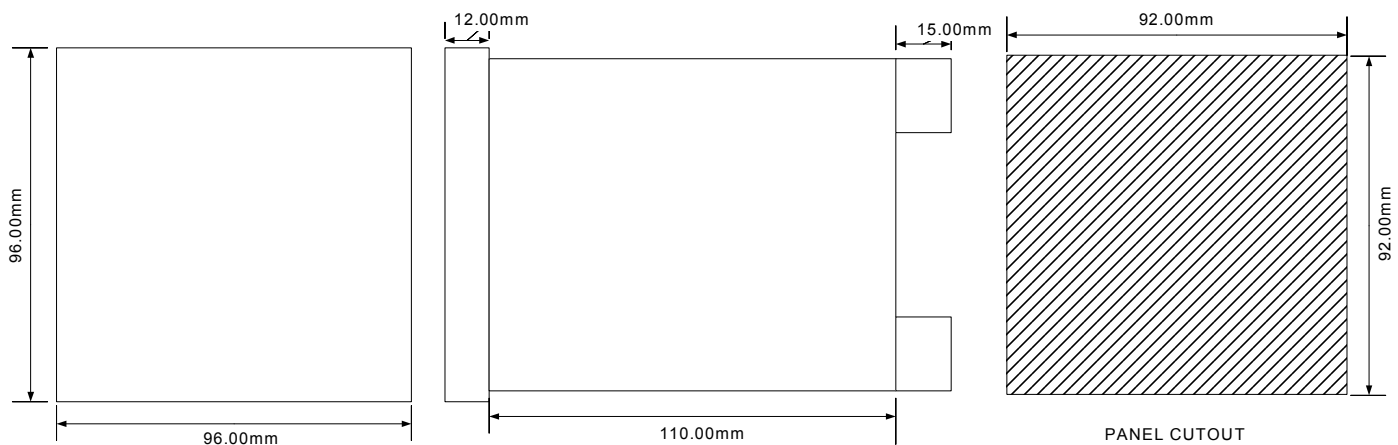
**ENVIRONMENT**

Operating temperature	5 to 55 Deg.C
Operating humidity	5 to 95% RH non-condensing
Storage temperature	-10 to 70 Deg.C

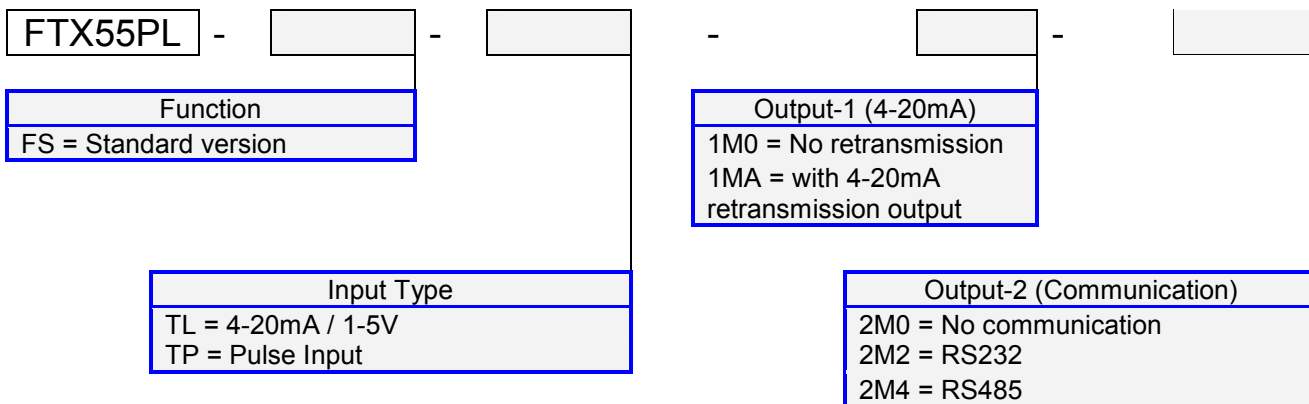
**ENCLOSURE**

Enclosure	Flame retardant ABS
Mounting accessories	Flush on panel
External dimensions	96(W) × 96(H) × 125(Depth behind panel) mm
Panel cutout	92 mm × 92 mm
Weight	480 gms (approx.)

**EXTERNAL DIMENSIONS (mm):**



**ORDERING CODE:**



**SAMPLE CODE ORDER:**

**FTX55PL - FS - TL - 1MA - 2M4**

Standard, Input 4-20mA, with 4-20mA retransmission output, with RS485