

FL 600 PTC

FLOW INDICATOR TOTALISER

Features

- Temperature, Pressure compensated Flow
- Indication through LCD
- Input selectable as Linear / Square Root for Flow
- Normal Mode for Operation
- Averaging of Inputs for Turbulent Flow
- Programmable Low Flow Cut-Off
- Software Calibration

Description

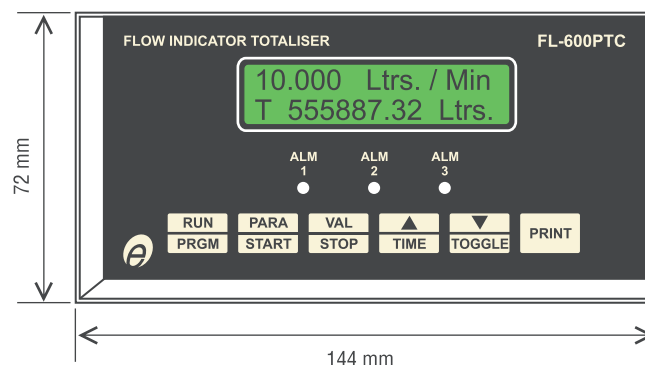
Electronet series FL-600 PTC are micro-controller based Flow Indicator Totaliser designed for various industrial applications. These can be used for indication & totalisation of flow. The three individual input can be provided Flow, Temperature & Pressure. The built-in battery backup is provided for the memory to avoid loss of data in case of power failure. The micro-controller based design provides full flexibility for flow metering applications.



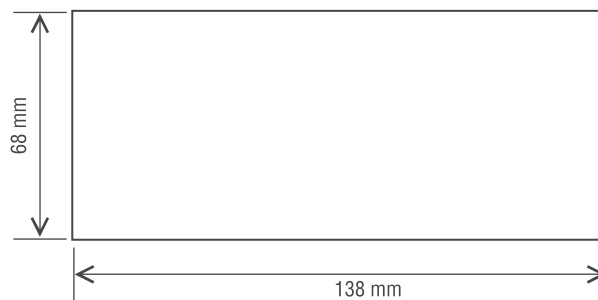
Technical Specifications

No. of Input	03 Nos.
Input	1) 4-20 mA / Voltage (0-5 V / 1-5 V) 2) 4-20 mA / RTD for Temperature 3) 4-20 mA for Pressure
Display	16 x 2 LCD consists of 4 Digit for Flow Rate Indication & 8 Digit for Totalised Flow Indication
Range	Programmable (0 to 9999)
Accuracy	Better than +/- 0.25% of F. S.
Open Sensor Indication	Provided
Power Supply	1) 24V DC 2) 90 – 250V AC, 50 Hz
Power Consumption	Less than 10 VA
Temperature Drift	< 0.01% of F. S. per°C change
Response Time	< 100 mSec
Isolation	1.4 KV between Input, Output & Power Supply
Enclosure	1) DIN Std 2) Weather-proof, IP-65
Dimensions	72 (H) x 144 (W) x 250 (D) in mm approx. for DIN Std. Enclosure
Mounting	Flush of the Panel for DIN Std. enclosure & wall mounting suitable for WP enclosure
Weight	2 Kg (Approx.)
Operating Conditions	Temperature -20 to 55°C / Humidity 5 to 95% non condensing
OPTIONAL	
Transmitter Supply	24 V DC, 30 mA / 60 mA
Retransmission Output	4-20mA
Alarm Output	Potential free Relay Contact – 2 nos. (1 c/o, 1 Amp. @ 230 V AC) Configurable for High, Low & Batch
Communication Port	RS 485 / RS 232 supporting MODBUS RTU protocol

Dimensional Details

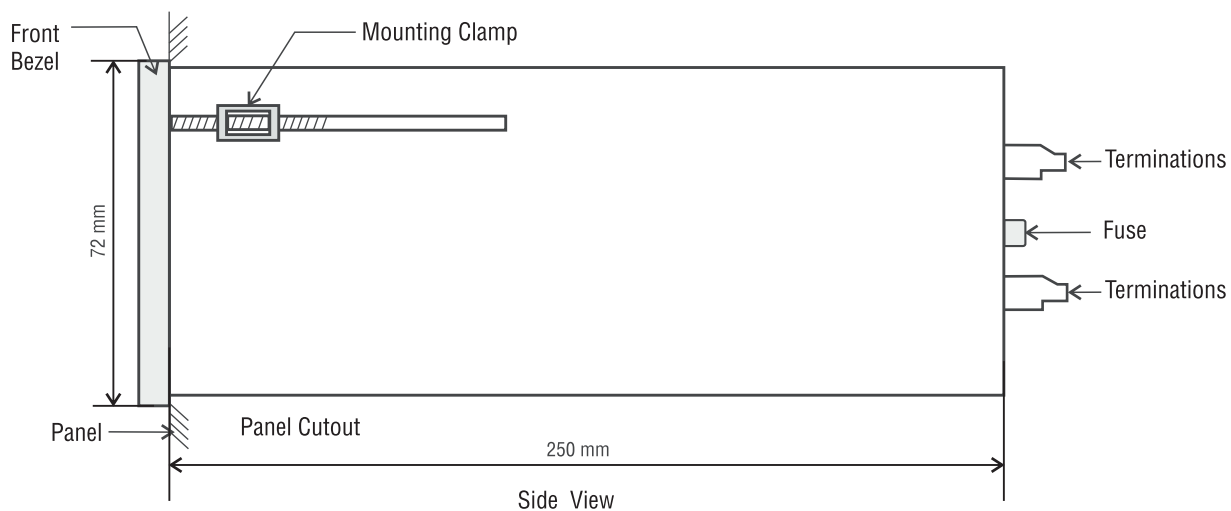


Front View



Cutout View

Installation Drawing



Side View

Ordering Information

Sample Order Code : 29A-44H-45F-46A-49A-52L-53C-59A-60B

Parameter	Code	Value	Parameter	Code	Value
29	Electronics Enclosure	29A	52	Alarm Output	52A
		29B			52B
		29C			52L
					52Y
44	Input 1	44F	53	Communication Output 1	53A
		44H			53B
45	Input 2	45F			53C
		45Y			53Y
46	Input 3	46A	59	Transmitter Power Supply	59A
		46B			59Y
		46Y	60	Input Power Supply	60A
49	Output	49A			60B
		49Y			

Note :

- Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
- Accuracy defined at Lab Conditions.
- For other requirement please consult factory.

Applications

Food Industry	Chemical Industry	Atomic Energy	Manufacturing Industry
Automation Industry	Thermal Power Energy	Process Industry	Water Treatment Industry

ELECTRONET EQUIPMENTS PVT. LTD.

Factory Address:

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