



FL 600

FLOW INDICATOR TOTALISER

Features

- Indication Through LCD
- Normal / Batch mode for Operation
- Averaging of Inputs for Turbulent Flow
- Programmable Low Flow Cut-Off
- Software Calibration
- Input selectable as Linear / Square Root
- Communication MODBUS RTU



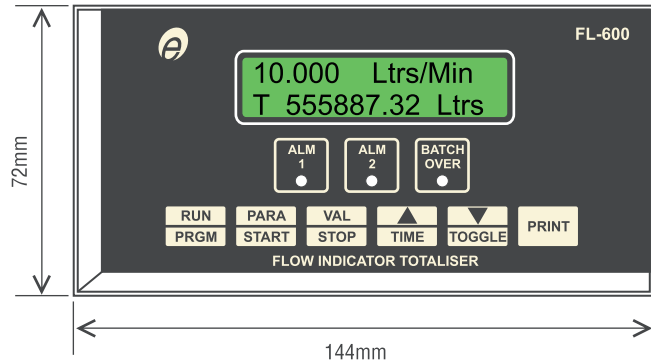
Description

Electronet series FL-600 is Microcontroller based flow indicator totaliser designed for various industrial applications. These can be used for indication & totalisation of flow. The input can be processed linearly or square rooted. The built in battery backup is provided for memory to avoid loss of data in case of power failure. The micro-controller based design provides full flexibility for flow metering applications.

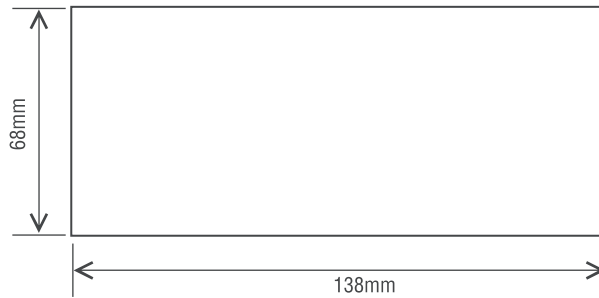
Technical Specifications

Operating Modes	Normal / Batch
Input	1) Frequency (0-10 KHz) 2) Current (4-20 mA) [Linear / Square Rooted] 3) Voltage (0-5V / 1-5V) [Linear / Square Rooted]
Display	16 x 2 LCD consists of 5 digit for Flow Rate Indication & 8 digit for Totalised Flow
Range	Programmable (0 to 99999)
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	< 200 mSec
Isolation	1.4 KV isolation 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	24V DC, 100 mA
Retransmission Output	4-20mA
Alarm Output	Potential free Relay Contact - 2 Nos. (1 c/o, 5 Amp. @ 230V AC) Configurable for High, Low & Batch
Communication Port	RS 485 / RS 232 supporting MODBUS RTU protocol

Dimensional Details

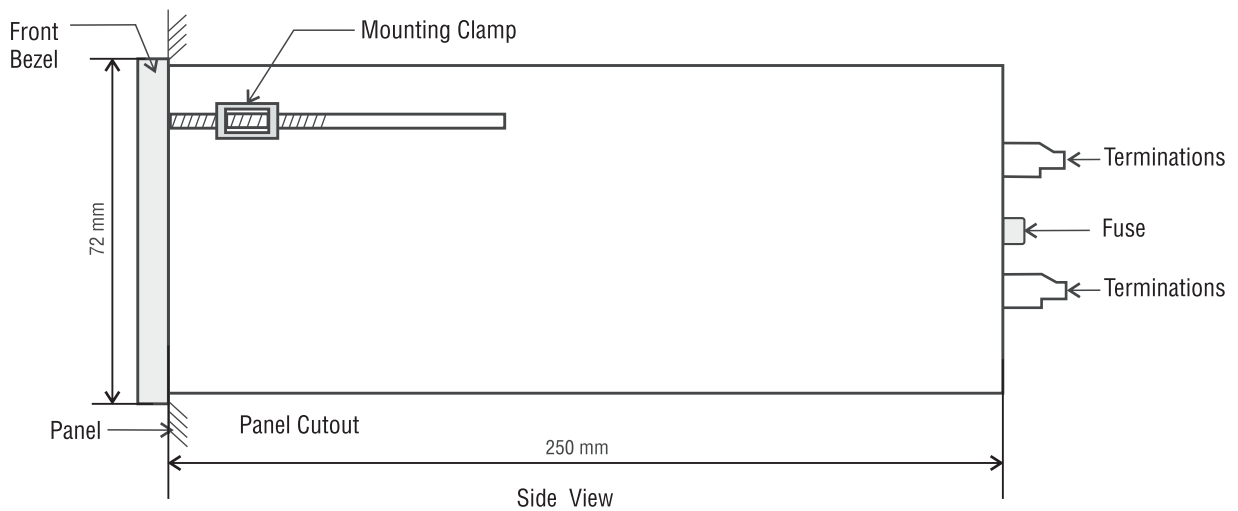


Front View



Cutout View

Installation Drawing



Side View

Ordering Information

Sample Order Code : 28E-29C-43F-49A-52L-53B-59A-60B

Parameter	Code	Value	Parameter	Code	Value		
28	Bazel Size	28D	96mm (H) x 192mm (W)	53	Communication Output 1	53A	RS 485
		28E	72mm (H) x 144mm (W)			53B	RS 232
29	Electronics Enclosure	29A	DIN			53C	GSM
		29B	Weather Proof			53Y	None
		29C	Flame Proof	59	Transmitter Power Supply	59A	24V DC
43	Input	43F	4 to 20mA			59Y	None
		43H	1 to 5 V	60	Input Power Supply	60A	90 to 250V AC
		43I	0 to 10 KHz			60B	24V DC
49	Output	49A	4 to 20mA	<p>Note :</p> <ul style="list-style-type: none"> ▪ 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. 			
		49Y	None				
52	Alarm Output	52A	1 Alarm				
		52B	2 Alarm				
		52L	Batch				
		52Y	None				

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:

Plot No. 8, (SEZ) Phase 1, Kesurdi MIDC, Khandala, Dist.- Satara Pin: 412 801, Maharashtra, India.

Registered Office:

Plot No. 84, 85, 86, Tiny Industrial Estate, Kondhwa Budruk, Pune-411 048, Maharashtra, India.

+91-20-26931476/2039 ho@eeplindia.com +91-20-26934122 www.eeplindia.com