

FL 244 OC

FLOW INDICATOR TOTALISER



Features

- Indication through LED Display
- Input type selectable Linear / Multipoint Table
- Normal / Batch mode for Operation
- Averaging of Inputs for Turbulent Flow
- Programmable Low Flow Cut-Off
- Software Calibration
- Communication MODBUS RTU

Description

Electronet series FL 244 OC is micro controller based flow indicator totaliser designed for various industrial application. These can be used for indication & totalisation of flow. The input can be linearly or square rooted. The micro-controller based design provides full flexibility for flow metering applications.



Technical Specifications

Performance Characteristics

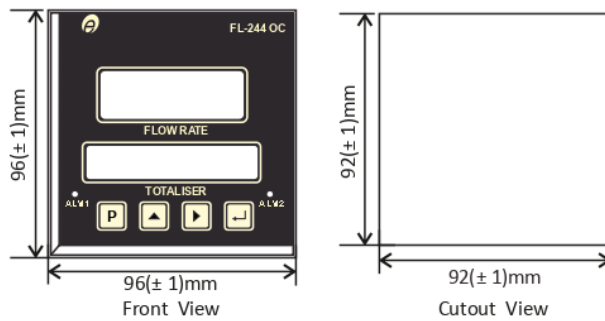
Operating Modes	Normal / Batch
Input	1) Voltage (1-5V) [Linear]
	2) Current (4-20 mA) [Linear]
	3) Frequency (0-10 KHz)
Display	LCD Display for Flow Rate & Totalised Flow
Range	Programmable (0 to 9999)
Accuracy	Better than +/- 0.25% of F. S.
Open Sensor Indication	Available
Power Supply	90 - 250V AC
Power Consumption	Less than 10 VA
Temperature Drift	< 0.01% of F. S. per°C change
Response Time	< 200 mSec
Isolation	1.4 KV between Input, Output & Power Supply
Enclosure	1) DIN Standard
	2) Weather-proof, IP-65
	3) Flameproof (CMRI IIA IIB Certified)
Bazel Size	96 (H) x 96 (W) x 160 (D) in mm approx. for DIN Std. Enclosure
Mounting	Flush of the Panel for DIN std. enclosure & wall mounting suitable for WP enclosure
Weight	Less than 2 Kg (Approx.)
Ambient Temperature	Temperature -20 to 55°C / Humidity 5 to 95% non condensing
OPTIONAL	
Transmitter Power Supply	24V DC 100 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	RS485 supporting MODBUS RTU protocol

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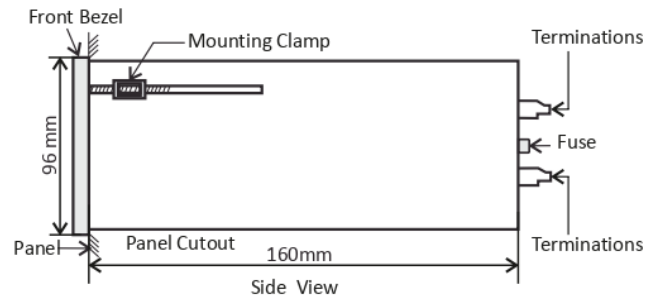
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Assembly Overview



Installation Drawing



Ordering Information

Sample Order Code : FL 244 OC-A1-B1-C1-D1-E1-F1

Parameter	Code	Description
A	Electronics Enclosure	A1 DIN Standard
		A2 Weather Proof IP 65
		A3 Flameproof (CMRI IIA IIB Certified)
B	Input 1	B1 4 to 20mA
		B2 1 to 5V
		B3 0 to 10 KHz
C	Output 1	C1 4 to 20 mA
		C2 0 to 5V
		CX NA
D	Alarm or Relay Output	D1 1 Relay Output
		D2 2 Relay Output
		D3 Batch

Parameter	Code	Description
E	Transmitter Power Supply	E1 24V DC 100 mA
		EX NA
F	Communication Output 1	F1 RS485 (MODBUS RTU)
		FX NA

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.
- This product is meant for laboratory/Process application only and not for custody transfer application.

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