

CFI 100 Flow Indicators (LCD): Pulse / Voltage / Current I/p



- . Pulse, 4-20 mA, Voltage Input
- . 0.05 % Accuracy
- . Rate of Flow, Total Flow
- . Linear, Square root, Lookup table conversion
- . 16 Chr. 2 Line Backlit LCD Display
- . Batch Mode Operation
- . 2 Wire / 3 Wire Compatible
- . Dual Channel Differential Reading
- . RS485 / MODBUS Network
- . Upto 1A Instrument Powersupply
- . Panel Mount Enclosure
- . Direct Printer Interface

CFI 100 series flow indicators measure and display flow. These indicators accept a pulse, voltage or current input and convert them to the programmed flow variable. Optional features includes RS485 / MODBUS network protocol. Upto 2 relays can be programmed using 4 setpoints. Settings are saved in non-volatile memory and no battery backup is required.

The user can program two independent display modes Rate of Flow and Total Flow. These indicators can be used with Differential Pressure Flow Transmitters, Magnetic Flow Transmitters, Ultrasonic Flow Transmitters, Mass Flow Meters and more...

Two channel instruments can display two flow variables as well as difference between the two inputs. Batching output is also provided in certain models. Direct printer interface, available in selected models, can print Total Flow with Time at programmed intervals.

Specifications

Input	: Pulse, 4-20mA / 0-20mA / 0-2.5V / 0-5V Factory settable
Number of Channels	: 1 (2 for Differential Indicators)
Indication	: 16 Character 2 Line Backlit LDD Display
Indication Modes	: Rate of Flow, Total Flow
Voltage Drop	: 2.5V Maximum (Applicable only for current input models)
Input Impedance:	: 10K Ohms (Applicable only for voltage input models)
Resolution	: 13 bits (8192 counts)
Accuracy at 25 Deg C	: 0.1% of span +- 1 count
Temperature Variations	: 1 Count per 10 Deg C max.
Operating Temperature	: 0 to 50 Deg C
Storage Temperature	: -40 to 85 Deg C
Conversion Modes	: Linear, Square Root, Lookup Table (User Selectable)
Relay Output	: 1 Standard, 2 Optional

Power Requirements

Voltage	: 220VAC +-15% or 8 to 24VAC/DC (Factory Settable)
Frequency	: 50/60 Hz
Power Consumption	: Less than 1 Watt

Optional Features

Sensor Supply	: SMPS upto 1A at 24V DC
Network Capability	: RS485, MODBUS protocol
Direct Printer Interface	: Prints Time, Total Flow at programmed intervals



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