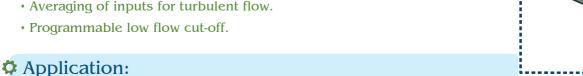
FLOW INDICATOR TOTALISER

PANEL MOUNTED FLOW TOTALIZER

Features:

- Indication through LED
- Input selectable as linear / square root.
- Normal / Batch mode for operation.
- · Averaging of inputs for turbulent flow.



Series FJ/A is micro-controller 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 back-up 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.

Specification:

Operating Modes Normal / Batch

Input Linear / Square Rooted

> 1) Current (4-20 mA) 2) Voltage (1-5 V / 0-5 V)

3) Frequency (0-10 Khz)

4 digit, 0.5" Red LED for Flow Rate & 8 digit, 0.3" Red LED Display

for Totalised Flow

Range Programmable (0 to 9999) Better than + 0.25% of F. S. **Accuracy**

Provided **Open Sensor Indication**

Power Supply 1) 24 V DC, External

2) 90 - 250 V AC, 50 Hz

Power Consumption Less than 10 VA

Temperature Drift < 0.01% of F. S. per OC change

Response Time < 100 mSec

Isolation 1.4 KV between Input, Output & Power Supply

Enclosure 1) DIN Std

Dimensions 80 (H) x 160 (W) X 115 (D) in mm approx. for DIN std. enclosure

Flush of the Panel for DIN std. enclosure Mounting

Weight 1 kg (Approx.)

Operating Conditions Temperature 0 to 55°C / Humidity 5 to 95% non condensing

Optional:

24 V DC, 30 mA **Transmitter Supply**

Retransmission Output 4 - 20 mA / 0-5 V, Isolated

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 protocols

Y6