

Rate Meter



Ajinkya manufactures Rate Meters which are enhanced version of RPM Indicators for measuring linear speed in units like metres per minute. Ratemeters / Totalisers are for measuring linear speed of various items like yarn, paper, wire or any items produced with winding machines as well as flow of liquid or gas. Different models are available to accept inputs as :

4-20 mA signal

Pulses

Unbalance bridge inputs

0-10 / 100 mV etc.

Thus it can be interfaced to wide range of sensors.

Various options as Alarm relay outputs, Retransmission of signal, setpoint etc. are available.

While rate meter will indicate the rate of flow, totaliser will count the total flow or volume or length depending on parameter being measured. Batching operation has a set point with a relay to give control length / products in a batch.

FEATURES

- Microcontroller based highly versatile and reliable digital circuitry.
- Dust proof membrane keyboard for programming.
- Input from
 - Pulses
 - 4-20 mA / 0-10 mA / 0-100 mV
 - Unbalance bridge
- Different models with Four digit display / Six digit display / Independent display for Totaliser etc. are available.
- One relay output with preset
- Option of 4-20 mA signal output corresponding to flow.
- Selectable decimal point
- External Reset input to reset totaliser count.

SPECIFICATIONS

- Input 5-12 V / Potential free pulse 4-20 mA / 0-10 mA / 0-100 mV factory set Unbalanced bridge
 - Displays 0.5 inch 4 digit / 6 digit or 4 + 6 digit
 - Relay output 230 V / 5A (resi)
 - Supply 230 V / 110 V AC or 24 V DC
 - Size 96 x 96 x 100 / 150 mm.
- Options
- 4-20 mA / 0-10 V Retransmission output
 - RS232 / RS485 MODBUS PC Interface
 - Logging option / Serial Printing
 - Batch counting



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