Model RW2700
MULTIFUNCTION NET FLOW TOTALIZER & RATE INDICATOR

The RW2700 is a multifunction net flow Totalizer/Rate Indicator that measures flow in and out of a system. The RW2700 accepts two pulse inputs: subtracts B input from A and displays the net total flow A-B or net Rate A-B. Separate "K" factors can be entered via the front panel for each input channel. Two SPDT relay alarm outputs are standard and an alarm limit can be assigned to either flow input rate, net rate, or the net total. Alarms alert to changes in critical flow rates or batch size completion. Inputs can also be added, allowing for totalization of two flow meter inputs with separate K-factors.

The RW2700 features 8 digits of bright .55" LED display. The unit operates from 11/220 VAC or 12-27 VDC and can be programmed from and talk to a host computer over an optional RS232/422 line. The analog output can be proportional to the net flow rate and can interface with a chart recorder.

Features:

- Input of flow (A) - Input of flow (B)
- Displays Net Rate, Net Total
- Separate K-factors for A and B inputs
- Set point alarms on A Rate, B Rate, Net Rate or Net Total
- Scaled pulse output
- Pulse input to 10KHz
- Analog output proportional to Net Flow Rate or Net Total

Model RW2700 Specifications

Display:
8-digit 0.55" 15 segment red orange LED

Power input:
A) 110VAC ±15% or 12 to 27 VDC
B) 220VAC ±15% or 12 to 27 VDC

Current:
Maximum 280 mA DC or 5.3 VA at rated AC voltage

Power output:
AC units only: 12VDC regulated @100mA
Separate isolated 12VDC @100mA regulated ±5% worst case

Flowmeter input:
High impedance pulse input
Open or 0 to 1 VDC (low), 3 to 30 VDC (high)
10K Ohms input impedance
20 KHz maximum speed (miin, on/off 50.1 usec)

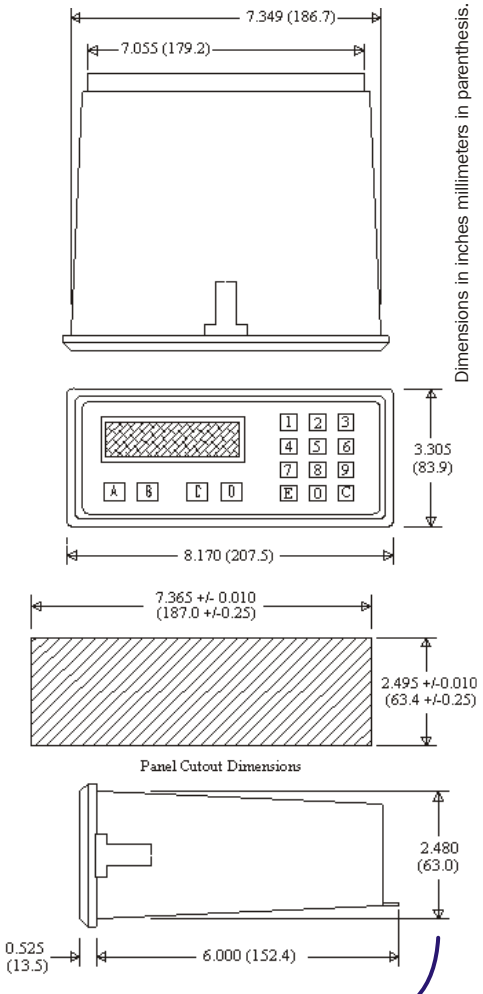
Accuracy (over full temp. range)
Analog - Zero error: ±0.175% full scale maximum overall error
±0.2% full scale at 22C (72F)
Digital 100% (within specified voltage range)

Memory:
EEPROM stores all programs and count data a minimum of ten years if power is lost

Temperature:
Operating: 32-130°F(0-54°C)
Storage: 40-200°F(40-93°C)

Enclosure:
NEMA 4X/IP65 Front Panel
High-impact plastic

Dimensions



sales@rwintl.com