Model RW2800 combines three unique products into one easy-to-use field programmable device: batching, totalization, and flow rate. The batching counter counts to prewarn and preset numbers entered by the user and provides Separate control outputs. The totalizing counter provides accumumative or grand totals. The rate meter counts the number of pulses per second, scales and displays in engineering units. Total grand total, or rate can be viewed at any time without interrupting the other functions.

Setup is performed by front panel push buttons and the menu driven software. Start-stop control is also activated via the front panel buttons. Model RW2800 operates from 110VAC standard or optionally: 220VAC or 12-27VDC. If AC power is used, two built-in regulated 12VDC @100mA power supplies are offered. They can be connected to provide +12VDC and 12VDC or 24VDC to drive external devices. CMOS logic is used for high noise immunity and low power consumption with EEPROM to hold data for a minimum of 10 years. Note: An RW714 pulse amplifier is required for proper input interface.

Typical applications: Batching and totalizing Gas and Liquid flow

Features:
- Stop/Start button
- Programmable 'K' factor
- 4-20mA output
- Optional linearization
- Two stage batch control
- Scaled pulse output
- Panel mount enclosure
- Optional NEMA 4X

Model RW2800 EZ Specifications

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

Power input:
110VAC ±15% 50/60 Hz @3.2VA
220VAC ±15% 50/60 Hz @3.2VA
12-27VDC ±20% @250mADC

Power output:
AC units only: 12VDC regulated @ 100mA
Separate isolated 12VDC @ 100mA ±5%
Power combinations: ±12VDC or 24VDC

Flowmeter input:
3-30VDC pulse; impedance 10K ohms; 10µs min pulse width with positige edge active; 40KHz maximum frequency

Accuracy:
· Digital input: 100%

Engineering units:
English and Metric units available selectable through the front

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)

Dimensions

7.349 (186.7)
7.055 (179.2)

3.305 (83.9)

8.170 (207.5)

7.365 +/- 0.010 (187.0 +/-0.25)

2.495 +/-0.010 (63.4 +/-0.25)

Panel Cutout Dimensions

2.480 (63.0)

0.525 (13.5)   6.000 (152.4)

Dimensions in inches millimeters in parenthesis.