



Model RW2900 MULTIFUNCTION TOTALIZER & RATE INDICATOR



Model RW2900 is a multi-function rate indicator/totalizer featuring dual set point rate, batch total and accumulative total. Optional 16-point linearization will allow non-linear flowmeter inputs as in the R&W Lo-Flo series flowmeter or extend the

useful range in the linear Precision Turbine Flowmeters.

Model RW2900 displays Rate and Total in the following engineering units: Gallons, Pounds, SCF, M³, etc. Two internal independent relays are assigned activation setpoints by the user on the front panel. These relays can be set to activate at preset batch, rate, or accumulative total. A scaled pulse output is provided by an open collector driver. An analog 4-20mA output is standard to control chart recorders or other peripherals. Note: RW714 pulse amplifier is required for proper input interface.

Applications

Model RW2900 is used to display flowrates and totals when used with R&W Precision Turbine Flowmeters or similar pulse generating devices. Applications include: Blending, Filling, and Process Control.

Features:

- Displays rate, total and accumulative total
- 4-20mA output
- Programmable 'K' factor
- Scaled pulse output
- User programmable set points

Model RW2900 Specifications

Display:

8-digit 0.55" 15 segment red orange LED

Power input:

110VAC $\pm 15\%$ 50/60 Hz
220VAC $\pm 15\%$ 50/60 Hz
12-27VDC $\pm 20\%$

Power output:

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

Flowmeter input:

3-30VDC pulse; impedance 10K ohms; 10 μ s min pulse width with positive edge active; 40KHz maximum frequency

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

