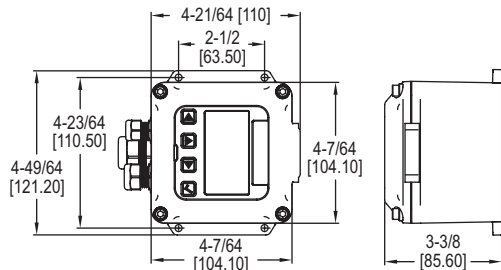


**Dwyer**

SERIES RTI2

# RATE/TOTAL INDICATOR

Loop Powered, Converts Pulse Frequency to 4 to 20 mA, High/Low Flow Alarm



The **SERIES RTI2** Rate & Total Indicator is an indicator/transmitter that takes the pulse output signal from compatible flowmeters, displays flow rate and total, and provides output signals. It is compatible with the Series EFS2, IEFS, PDWS, and FLMG.

## FEATURES/BENEFITS

- Can be mounted on a wall or mounted on the flowmeter for added flexibility
- Accessory mounting kits make it easy to change the mounting orientation
- High environmental protection with semi-flexible urethane potted electrical components
- Provides a pulse, 4 to 20 mA and dual-relay output

## APPLICATIONS

- Water treatment
- Water utilities
- Industrial chemical handling

MODEL CHART		
Model	Description	Price
RTI2-W	Wall-mounted	\$657.00 <sup>(B)</sup>
RTI2-M	Meter-mounted	657.00 <sup>(B)</sup>
RTI2-P	Panel-mounted	657.00 <sup>(B)</sup>

<sup>(B)</sup> Items are subject to Schedule B discounts.

ACCESSORIES		
Model	Description	Price
MMK2	Meter mounting kit	\$150.00 <sup>(B)</sup>
WMK2	Wall mounting kit	88.50 <sup>(B)</sup>

<sup>(B)</sup> Items are subject to Schedule B discounts.

## SPECIFICATIONS

**Input:** 5 V pulse or contact closure; 1 to 15 pulses/s.

**Temperature Limits:** Process: -32 to 131°F (0 to 55°C); Storage: -40 to 158°F (-40 to 75°C).

**Output:** Current sinking square wave pulse: Scaled pulse output (0.1 s duration 6.1 Hz max. or high alarm output or low alarm output), sensor pass-through pulse output (un-scaled); Pulse output range: 0.1 to 9999999.9 units/pulse; Analog: 4 to 20 mA, 24 to 30 VDC.

**Power Requirements:** 7 to 30 VDC @ 4 mA (4 to 20 mA when loop-powered).

**Display:** Rate: 8 digits, 1/2" H LCD; Total: 8 digits, 5/16" character height.

**K-Factor Range:** 0.001 to 999999.999.

**Flow Alarm Output Range:** 0.1 to 99999.99.

**Enclosure Material Housing:** Die-cast powder-coated aluminum; Faceplate #HP92W Lexan.

**Enclosure Rating:** NEMA 4X (IP67).

**Electrical Connection:** Terminal blocks, #22 AWG, 3 conductor 18' (5.5 m) cable (2000' max.).

**Mounting:** See model chart.

**Weight:** 3 lb (1361 g).