



# RATE/TOTAL INDICATOR

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



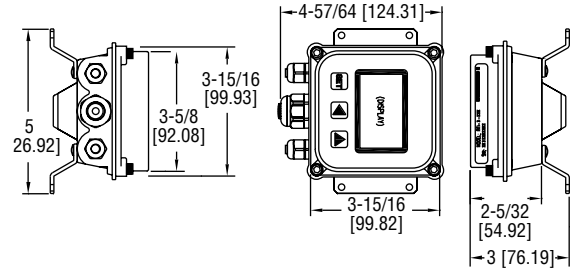
RTI-W



RTI-M shown installed on Series EFS2  
\*Meter sold separately



RTI-P



The **SERIES RTI** Rate & Total Indicator Displays takes the pulse output signal from compatible flow meters, displays flow rate and total, and provides output signals. It is compatible with the Series EFS2, IEFS, PDWS, PFT and FLMG.

## FEATURES/BENEFITS

- Can be mounted on either a wall or meter and has an additional panel mount option for added flexibility
- Offers accessory mounting kits making it easy to change the mounting orientation
- High environmental protection with semi-flexible urethane potted electrical components
- Powered by an external DC voltage provides a pulse, 4 to 20 mA and dual-relay output.
- Tamper-evidence, non-resettable total, dual relay output options available

## APPLICATIONS

- Water treatment
- Water utilities
- Industrial chemical handling

## MODEL CHART

Stocked Model	Description
RTI-W	Wall-mounted, rate/total indicator, loop powered

## ACCESSORIES

Model	Description
MMK	Meter mounting kit
WMK	Wall mounting kit

## SPECIFICATIONS

**Input:** 5 V pulse or contact closure; 1.0 to 1500 pulses/s.

**Temperature Limits:** -22 to 148°F (-30 to 65°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:** 12 to 30 VDC @ 4 mA (4 to 20 mA when loop-powered).

**Display:** Rate: 6 digits, 1/2" H LCD; Total: 8 digits, 5/16" character height.

**K-Factor Range:** 0.001 to 99999.999.  
**Flow Alarm Output Range:** 0.01 to 999999.99.

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

**Enclosure Rating:** NEMA 4X (IP66).

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

**Mounting:** See model chart.

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

## MODEL CHART

Example	RTI	-M	-DPS	RTI-M-DPS
<b>Series</b>	RTI			Rate/total indicator, loop-powered
<b>Mounting</b>		M W P		Meter-mounted* Wall-mounted Panel-mounted
<b>Options</b>			DPS TEV NRT VPS DRO HDC	Built-in 115 VAC/12-24 dual power supply (RTI-W only) Tamper-evident Non-resettable total Built-in 115 VAC power supply (RTI-W only) Dual relay output Hinged display cover (not with DPS or VPS)

The RTI is a rate/total indicator that uses the pulse output from the following Dwyer flow meters series\* and displays flow rate and total.

\*Compatible Series: EFS2, IEFS, PDWS, PFT, TBS and FLMG.