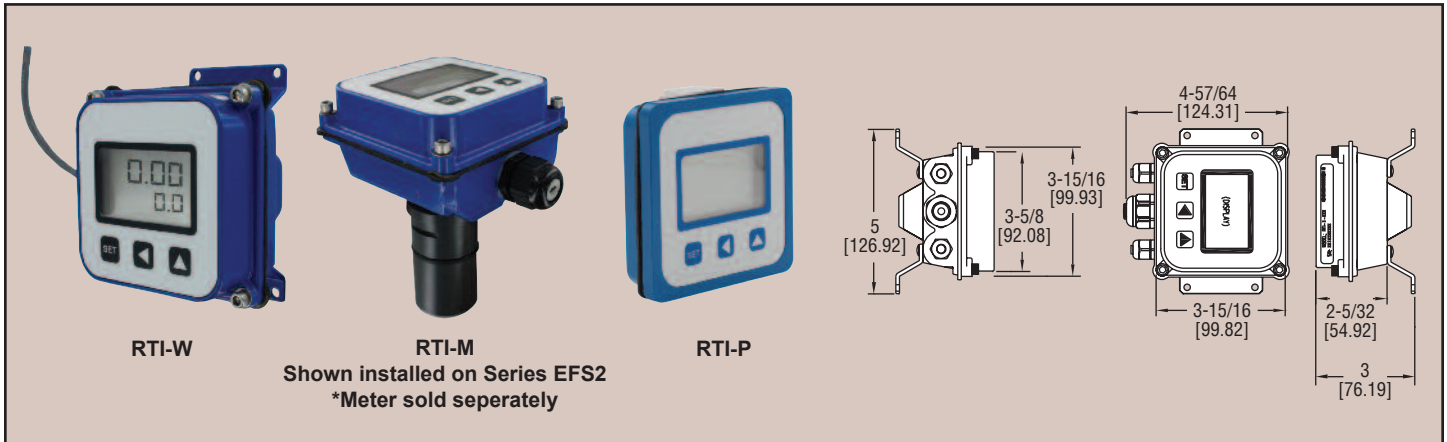




Series
RTI

Rate/Total Indicator

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



RTI-W

RTI-M

RTI-P

Shown installed on Series EFS2
*Meter sold separately

The **Series RTI Rate/Total Indicator** is an indicator/transmitter that 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, TBS and FLMG. The Series RTI can be mounted on either a wall or meter and has an additional panel mount option. The RTI offers accessory mounting kits making it easy to change the mounting orientation. It also features high environmental protection with semi-flexible urethane potted electrical components.

RTI is powered by an external DC voltage and has a pulse and 4 to 20 mA output signal. Additional options are temper-evidence, non-resettable total, dual relay output, and more.

The RTI is useful anywhere a compatible flow meter is used and flow rate and total are desired.

APPLICATIONS

- Water Treatment
- Water Utility
- Industrial Chemical Handling

SPECIFICATIONS

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

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: Powder-coated diecast aluminum; Faceplate #HP92W Lexan.

Enclosure Rating: NEMA 4X (IP66).

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

Mounting: See model chart.

Weight: 3 lb (1361 g).

FLOW

Flow Transmitters,
Accessories

Example	RTI	M	DPS	RTI-M-DPS
Series	RTI			Rate/Total Indicator, Loop-powered
Mounting		M W P		Meter-mounted Wall-mounted Panel-mounted
Options			DPS TEV NRT VPS DRO HDC	Built-in 115 VAC/12-24 Dual Power Supply (RTI-M only) Tamper-Evident* Non-resettable Total Built-in 115 VAC Power Supply (RTI-M 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 and displays flow rate and total.

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

MMK, Meter Mounting Kit

WMK, Wall Mounting Kit