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/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 999999.99.
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:
Power: Terminal blocks, #22 AWG, 3 conductor 18´ (5.5 m) cable (2000´ max.).
Mounting: See model chart.
Weight: 3 lb (1361 g).

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.

Example | RTI M | DPS | RTI-M-DPS
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Series RTI | Rate/Total Indicator, Loop-powered
Mounting M | Meter-mounted
W | Wall-mounted
P | Panel-mounted
Options DPS | Built-in 115 VAC/12-24 Dual Power Supply (RTI-M only)
TEV | Tamper-Evident*
NRT | Non-resettable Total
VPS | Built-in 115 VAC Power Supply (RTI-M only)
DRO | Dual Relay Output
HDC | Hinged Display Cover (not with DPS or VPS)

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MMK, Meter Mounting Kit
WMK, Wall Mounting Kit