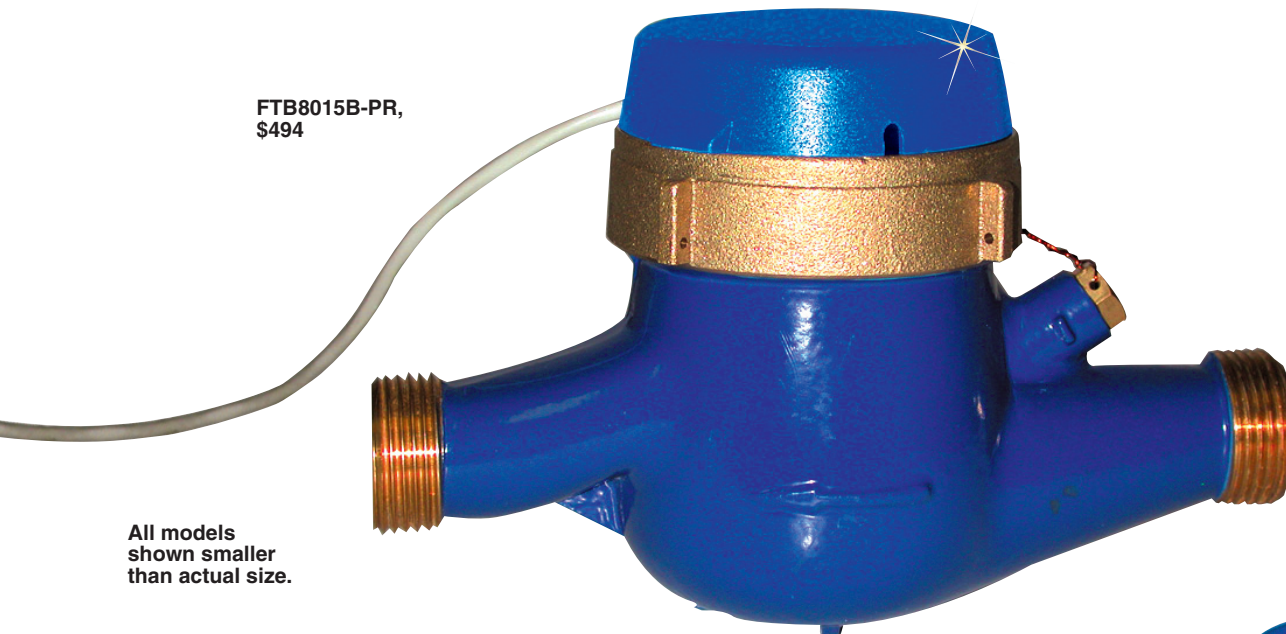
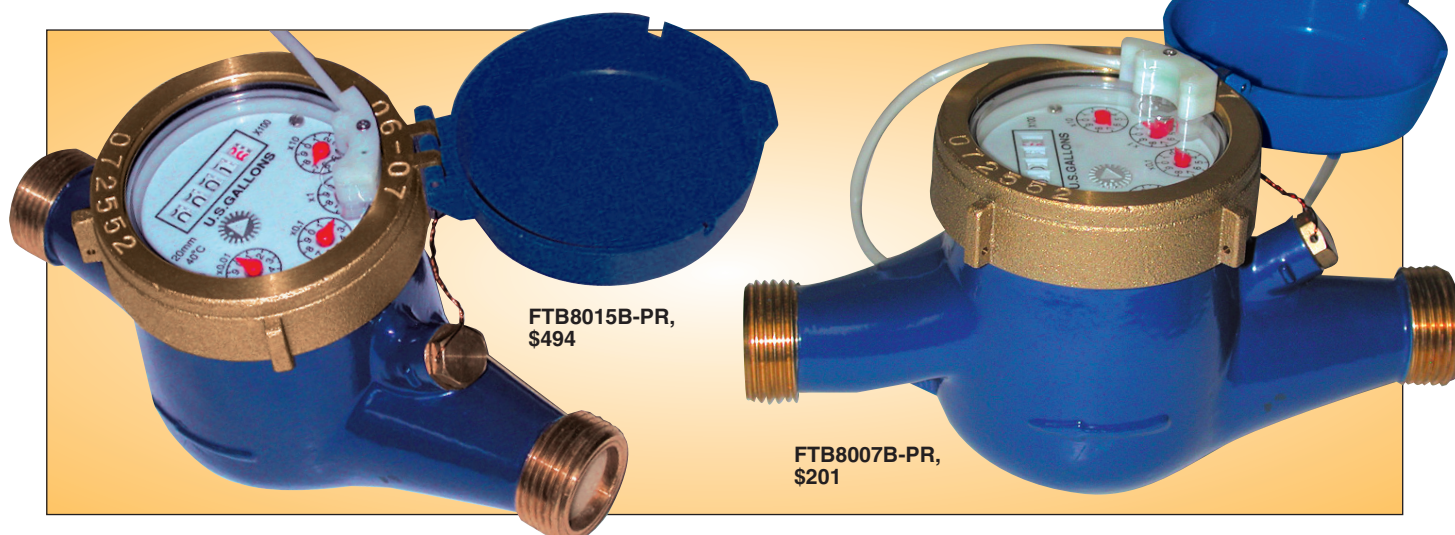


# WATER METERS FOR TOTALIZATION AND RATE INDICATION WITH PULSE OUTPUT

FTB8015B-PR,  
\$494



All models shown smaller than actual size.



FTB8015B-PR,  
\$494

FTB8007B-PR,  
\$201

FTB8000B Series  
Starts at

**\$171**

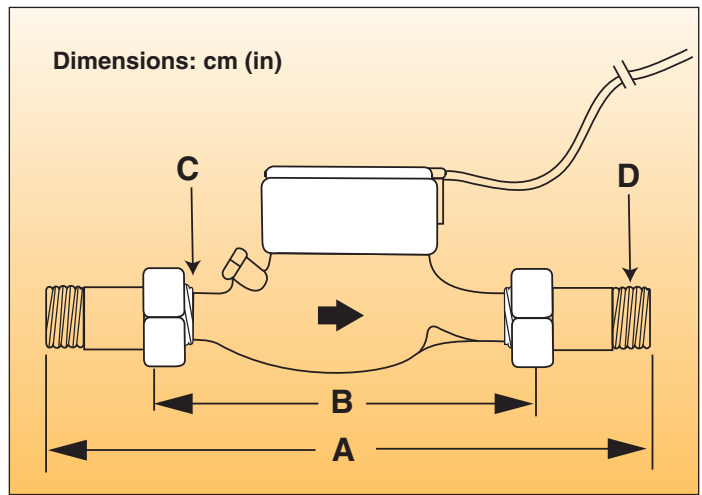
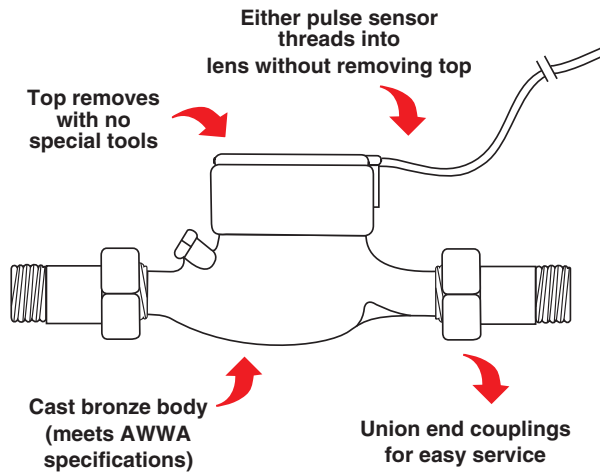


- ✓ Flow Rates from 0.22 to 132 GPM
- ✓ 150 psi Maximum Operating Pressure
- ✓ 40°C (105°F) Maximum Operating Temperature
- ✓ Field-Adjustable Pulse Output (Optional)

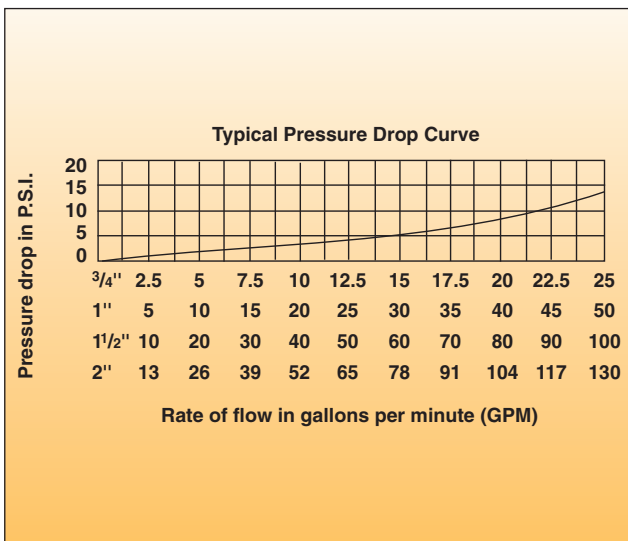
The FTB8000B Series meters use the multi-jet principle, which has been an internationally accepted standard for many years. This type of meter is known for its wide range, simplicity, and accuracy in low-quality water. The impeller is centered in a ring of jets, with inlet jets on one level and outlet jets on another. A gear train drives the register totalizer dials. For pulse output, one of the dials is replaced by a gear, which turns a magnet that is detected by an encapsulated sensor threaded into the outside of the lens. Pulse rate is determined by the gear and the dial on which

the gear is placed. Changing the pulse rate requires no special tools and can be done in the field.

Mechanically, all FTB8000B meters are the same. The difference between the -PR, -PT, and standard models is in the sensor. -PR model meters use a solid state, long-lasting Hall-effect sensor, which requires power. -PT model meters use a 2-wire reed switch. They provide a dry-contact closure and do not require power. Basic FTB8000B meters totalize only and do not have an output. Never install water meters above or over areas where leakage would cause damage.



NPT Size	3/4	1	1 1/2	2
A (Body)	19 (7 1/2)	26 (10 1/4)	30 (11 3/4)	30 (11 3/4)
B (w/Couplings)	32 (12 5/8)	40 (15 5/8)	45 (17 5/8)	45 (17 5/8)
C (IPS Thread)	1	1 1/4	2	2 1/2
D (NPT Thread)	3/4	1	1 1/2	2



NPT Size	3/4	1	1 1/2	2
Pulses per Gallon	20*	—	—	—
	10	—	—	—
	2*	2*	2*	2*
Gallons per Pulse	1	1	1	1
	5*	5*	5*	5*
	10	10	10	10
	50*	50*	50*	50*
	100	100	100	100

\* These pulse rates are only available on units with the "-PT" option.

**MOST POPULAR MODELS HIGHLIGHTED!**

**SPECIFICATIONS**

**Materials:**

**Body:** Cast bronze

**Internals:** Engineered thermoplastic

**Magnet:** Permanent ceramic

**Max Temperature:** 40°C (105°F)

**Max Operating Pressure:** 150 psi

**Accuracy:** 1.5% of reading

**Sensor:**

-PR: Hall-effect device

-PT: Reed switch

**Max Current:** 20 mA

**Max Voltage:**

-PR: 24 Vdc

-PT: 24 Vdc or Vac

**Sensor Power (-PR):**

Minimum 6 mA at 12 Vdc

**Cable Length:** 4 m (12') standard,

600 m (2000') max

**Flow Rates (GPM):**

NPT Size	3/4	1	1 1/2	2
Minimum	0.22	0.44	0.88	1.98
Maximum	22	52	88	132

**To Order (Specify Model Number)**

Model No.	Price	NPT Size	Flow Range (GPM)	Pulses per Gallon (Default Setting)
FTB8007B	\$171	3/4	0.22 to 22	None, total only
FTB8010B	281	1	0.44 to 52	None, total only
FTB8015B	471	1 1/2	0.88 to 88	None, total only
FTB8020B	591	2	1.98 to 132	None, total only
FTB8007B-PT	201	3/4	0.22 to 22	20
FTB8010B-PT	281	1	0.44 to 52	1
FTB8015B-PT	494	1 1/2	0.88 to 88	1
FTB8020B-PT	619	2	1.98 to 132	1
FTB8007B-PR	201	3/4	0.22 to 22	1
FTB8010B-PR	281	1	0.44 to 52	1
FTB8015B-PR	494	1 1/2	0.88 to 88	1
FTB8020B-PR	619	2	1.98 to 132	1
ES-2022	140	Reference Book: Water Resources Handbook		

Comes with MNPT couplings and complete operator's manual.

**Ordering Examples:** FTB8015B-PR, 88 GPM max flow rate water meter with adjustable pulse output set to 1 pulse per gallon with hall effect sensor, \$494.

FTB8010B-PR, 52 GPM max with adjustable pulse output set to 1 pulse per gallon with hall effect sensor, \$281.

# omega.co.uk<sup>®</sup>

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA  
Stamford, CT.

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England  
0800-488-488  
+44-(0)161-777-6611

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)  
1-800-TC-OMEGA

#### FRANCE

[www.omega.fr](http://www.omega.fr)

0800-466-342

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenfronn, Germany  
0800-8266342

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters