

# LONG-LIFE PULSE OUTPUT WATER METERS

**For Remote Rate Indication and Totalization**

## FTB4600 Series



- ✓ For Water Flows from 0.15 to 20 GPM
- ✓ Economical
- ✓ High Turndown Ratio
- ✓ Up to  $\pm 1.5\%$  Rdg Accuracy

Designed for long-term water billing applications, the FTB4600 Series flowmeters are highly accurate and feature a high-frequency pulse output suitable for remote flow-rate indication or flow totalization. For economy, they have no local indication of the flow rate or total. The pulse output is compatible with OMEGA's DPF400 and DPF700 Series ratemeter/totalizers. All meters come with built-in strainers, locking nuts, gaskets, coupling pieces, and 1.5 m (5') of 3-conductor copper wire.



FTB4605 pulse output water meter, shown smaller than actual size.

### SPECIFICATIONS

**Accuracy:** From 10% of continuous to max flow:  $\pm 1.5\%$  of rate; below 10% of continuous flow: 2% of rate

**Fluid Temperature Range:**

0 to 88°C (32 to 190°F)

**Wetted Parts:** Brass body, stainless steel, polyimide (fiberglass), polypropylene, EPDM O-ring

**Pressure Drop**

(at Continuous Flow Rate): 2.9 psid

**Max Pressure:** 150 psig

**Pulse Output:** Requires 6 to 16 Vdc at 10 mA max power; output requires pull-up to positive DC voltage; includes 1.5 m (5') of cable

**Duty Cycle:** 50-50



DPF700 Series ratemeter/totalizer/batch controller. Visit [omega.com/dpf700](http://omega.com/dpf700) for details.

**To Order Visit [omega.com/ftb4600](http://omega.com/ftb4600) for Pricing and Details**

**Bronze Body**

Model No.	Port Size	Flow Rate (GPM)			Dimensions: mm (inch)			Weight kg (lb)	Pulses per Gallon
		Min	Cont.	Max	Length	Height	Width		
FTB4605	1/2"	0.15	6.6	13.0	110 (4.3)	70 (2.75)	70 (2.75)	0.5 (1.1)	151.4
FTB4607	3/4"	0.22	11.0	20.0	130 (5.13)	73 (2.9)	70 (2.75)	0.6 (1.4)	75.7

Comes complete with built-in strainers, locking nuts, gaskets, coupling pieces, 1.5 m (5') cable and operator's manual.

**Ordering Examples:** FTB4605, bronze body water meter, 1/2" port size.

FTB4607, bronze body water meter, 3/4" port size.