

For Water Totalization

FTB-4100A Series Starts at

\$105



For remote rate indication for units with high-frequency pulse output, see FTB4600 Series, on page F-72.

**FTB-4105A, \$105,
shown smaller
than actual size.**

- ✔ **For Water Flows from 0.13 to 132 GPM**
- ✔ **Scaled Pulse Output Available for Remote Totalization**
- ✔ **For Hot or Cold Water Applications**
- ✔ **Up to $\pm 1.5\%$ Rdg Accuracy**

Designed for water billing applications, OMEGA's FTB-4100A flowmeters are highly accurate and feature tamper-resistant, non-resettable totalizers. The large faces are easy to read.

Optional reed relay scaled pulse outputs allow for remote totalization [1.8 m (6') of cable included]. The pulse output option is factory installed and must be requested at the time of order.

All FTB flowmeters feature built-in strainers and trickle flow indication and come with locking nuts and coupling pieces.

SPECIFICATIONS

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

Power for Pulse Output: 6 to 16 Vdc

Max Temp: 90°C (200°F)

Max Pressure: 150 psi

Pulse Outputs (Reed Relay):

FTB-4100A-P Series: 1 gal/pulse (for remote totalization)

Max Reading (Gallons): 10 million for ½ and ¾"; 100 million for 1, 1¼, and 1½"

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

Installation Requirements: 10 pipe diameters upstream,
5 downstream

Mounting: Horizontal mounting required for 1, 1¼, and 1½" models; vertical mounting for ½ and ¾" sizes only

Compatible Meter: DPF70 (see page M-22 for details)

■ MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)											
Model No.	Price	Flow Rate (GPM)			Connector	Lay Length mm (in)	Height mm (in)	Width mm (in)	Pressure Drop (psi)*	Weight kg (lb)	Max Temp °C (°F)
		Min	Cont.	Max							
FTB-4105A	\$105	0.13	6.6	13.0	½ MNPT	246 (9.7)	69.9 (2.75)	69.9 (2.75)	3.6	0.5 (1.1)	93.3 (200)
FTB-4105A-P	180	0.13	6.6	13.0	½ MNPT	246 (9.7)	69.9 (2.75)	69.9 (2.75)	3.6	0.5 (1.1)	93.3 (200)
FTB-4107A	109	0.22	11.0	20.0	¾ MNPT	257 (10.1)	77.0 (3.03)	69.9 (2.75)	3.6	0.6 (1.4)	93.3 (200)
FTB-4107A-P	195	0.22	11.0	20.0	¾ MNPT	257 (10.1)	77.0 (3.03)	69.9 (2.75)	3.6	0.6 (1.4)	93.3 (200)
FTB-4110A	229	0.5	26.4	50.0	1 MNPT	394 (15.5)	140.0 (5.51)	91.9 (3.62)	3.6	2.5 (5.5)	93.3 (200)
FTB-4112A	277	0.5	26.4	50.0	1¼ MNPT	394 (15.5)	140.0 (5.51)	91.9 (3.62)	3.6	2.5 (5.5)	93.3 (200)
FTB-4115A	484	0.8	44.0	90.0	1½ MNPT	447 (17.6)	140.0 (5.51)	119.9 (4.72)	3.6	5.5 (12.0)	93.3 (200)
FTB-4120A	922	1.3	66.0	132.0	2" flange ANSI 150#	200 (7.9)	226.1 (8.90)	154.9 (6.10)	2.9	12.3 (27.0)	90.0 (194)
FTB-4120A-P	1042	1.3	66.0	132.0	2" flange ANSI 150#	200 (7.9)	226.1 (8.90)	154.9 (6.10)	2.9	12.3 (27.0)	90.0 (194)

Models with suffix “**P**” have a reed relay pulse output, for remote totalization. 1/2" to 1 1/2" units have NPT connections; the 2" meters have flange connections.

* Pressure loss is at continuous flow rate.

Comes complete with operator's manual.

Ordering Examples: *FTB-4105A-P*, pulse output meter with range of 0.13 to 13.0 GPM, **\$180.**

FTB-4115A, pulse output meter with range of 0.8 to 90.0 GPM, **\$484.**

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