

LOW-FLOW LIQUID FLOWMETERS



FTB4705, \$230, shown smaller than actual size.



FTB4805, \$654, shown smaller than actual size.

FTB4700 Series Starts at

\$230



- ✓ Square-Wave Output
- ✓ One Moving Part
- ✓ Rugged, Nickel-Plated Brass Body or 316 SS

The FTB4700 Series comprises plated brass meters that are ideal for water applications, with ranges from 0.2 to 18 GPM. The FTB4800 covers a wide flow range and is housed in a rugged stainless steel package. Single-jet simplicity, combined with high-quality jewel bearings, results in long life and relatively high tolerance to harsh fluids. Typical applications include chemical batching, proportional chemical injection, fertilizer injection, proportioning of spray chemicals, and general flow rate monitoring.

The FTB4700 is available with 1/2 and 3/4" threads, with union-type meter couplings. The FTB4800 is available with 1/2, 3/4 and 1" threads. A square-wave output makes these meters ideal for many OEM control applications. This signal interfaces easily with programmable logic controllers and computer input boards. The FTB4700 or FTB4800 Series meters can be combined with the DPF701-A panel flow meter for reading flow rate or total flow, with 4 to 20 mA output.

SPECIFICATIONS

Accuracy: ±1% FS

Maximum Temperature:

FTB4700: 85°C (185°F)

FTB4800: 93°C (200°F)

Maximum Pressure:

FTB4700: 12 bar (175 psi)

FTB4800: 35 bar (500 psi)

Output: Squarewave

Power:

FTB4700: 5 to 30 Vdc

FTB4800: 6 to 24 Vdc

Maximum Current: 20 mA

Cable: #22 AWG 3-conductor, 4 m (12')

Maximum Cable Run: 650 m (2000')

Maximum Pressure Drop: 15 psig

Dimensions: mm (in)

Model No.	Overall Length	Height	Width
FTB4705	254 (10.0)	40 (1.56)	69 (2.7)
FTB4707	259 (10.2)	40 (1.56)	69 (2.7)
FTB4805	104 (4.1)	51 (2.0)	51 (2.0)
FTB4807	104 (4.1)	51 (2.0)	51 (2.0)
FTB4810	127 (5.0)	51 (2.0)	51 (2.0)

Materials

	FTB4700	FTB4800
Body	Nickel-plated brass	316 SS
Rotor Chamber	Thermoplastic	Rotor cover: 316 SS
Rotor	Thermoplastic	PVDF
Shaft	Tungsten carbide	Nickel-bonded tungsten carbide
Bearings	Sapphire, graphite	Ruby ring and ball
O-Ring	—	TFE-coated FKM

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	K Factor (Pulses/Gal)	Description
FTB4705	\$230	308	1/2 MNPT, 0.2 to 10 GPM
FTB4707	237	174	3/4 MNPT, 0.2 to 18 GPM
FTB4805	654	560	1/2 FNPT, 0.1 to 10 GPM, 316 SS body
FTB4807	654	380	3/4 FNPT, 0.2 to 15 GPM, 316 SS body
FTB4810	654	168	1 FNPT, 0.5 to 25 GPM, 316 SS body

Accessories

Model No.	Price	Description
DPF701	\$260	1/8" DIN panel meter, see page M-5 for complete details
CM-4339	135	Reference Book: Flow Measurement Methods and Applications

Comes complete with operator's manual.

Ordering Examples: FTB4705, 0.2 to 10 GPM, \$230.

FTB4807, 0.2 to 15 GPM, DPF701, panel meter, \$654 + 260 = \$914.

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• pH and Conductivity

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• Heaters

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