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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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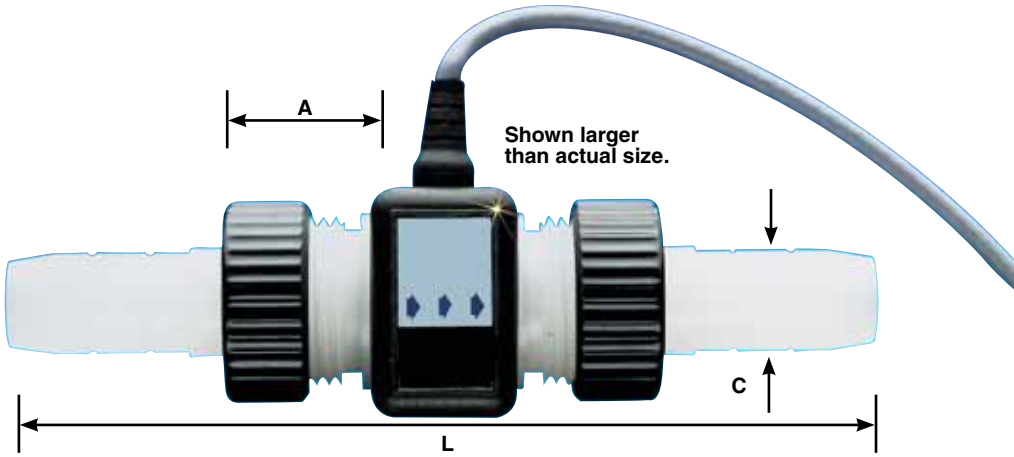
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ALL PLASTIC ULTRA-LOW FLOW SENSORS

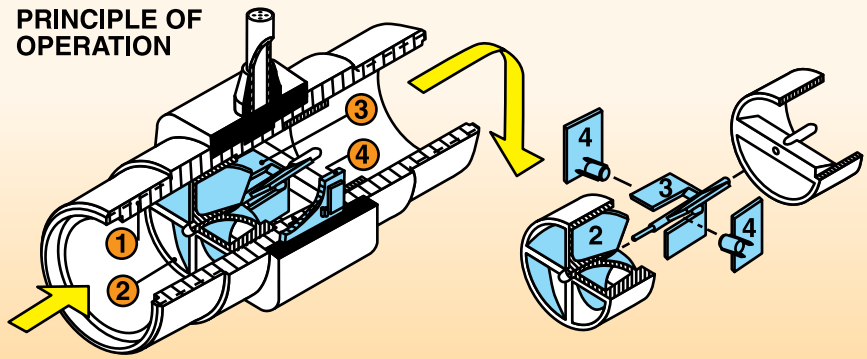
FTB600B Series

1 YEAR WARRANTY RoHS

- ±1% of Reading Accuracy
- Six Flow Ranges, from 0.1 to 120 LPM
- No Flow Straightening Needed
- Turn Down Up to 30:1
- Easily Mounts in Any Position
- Hose Barb or Threaded Connections



Please refer to ordering chart below for specific unit dimensions.



Principle of Operation
1 Fluid first passes through helical nozzle
2 This causes the flow to spiral, rotating in a helical pattern
3 The spiraling fluid hits the flat blade rotor, causing it to spin
4 An infrared, electro-optical transmitter and receiver provide a square wave electronic output signal

Principle of Operation

The OMEGA® FTB600B Series Flowmeters feature an infrared, electro-optical transmitter and receiver molded into the flowmeter's body, along with two miniature circuit boards to provide voltage stabilization and automatic IR output level control. The FTB600B automatically compensates IR light intensity for varying fluid opacity levels to ensure a strong square wave output signal. The flowmeter is suitable for clear, transparent and translucent fluids which must transmit infrared light. (Note: Not suitable for use with red liquids). The design of the FTB600B inherently bleeds off entrained gas, thereby improving overall accuracy. This flowmeter can be easily mounted into any position for greater system design flexibility, also saving time and installation costs. A strainer is included in models FTB602B through FTB606B.

SPECIFICATIONS

Accuracy: ±1% of reading
Repeatability: ±0.1% of reading
Viscosity Range: 1 to 15 cSt
Working Pressure: 150 psig at 79°C (175°F)
Maximum Pressure Drop @ Maximum Flow: @30 psi on all units (6.5 psi on FTB601)
Ambient Temperature: -40 to 85°C (-40 to 185°F)
Wetted Parts: PVDF (polyvinyldene fluoride) FKM O-rings (O-rings are not wetted on NPT units)
Power Supply: 8 to 24 Vdc, 6 to 33 mA
Output Signal: Square wave pulse
Cable Length: 0.9 m (3')

To Order

Model No.	Flow Range (LPM)	Dimensions mm (inch)			K Factor	"-T" Option	
		A	L	C	Pulses/ Liter	NPT Size	Length mm (")
FTB601B	0.1 to 2	9 (0.35)	96 (3.8)	6.9 (0.27)	36000	¼	39 (1.5)
FTB602B	0.3 to 9	12 (0.47)	112 (4.4)	9 (0.35)	8000	½	47 (1.85)
FTB603B	0.5 to 15	12 (0.47)	116 (4.6)	12 (0.47)	3200	½	47 (1.85)
FTB604B	1 to 30	16 (0.63)	136 (5.4)	16 (0.63)	1200	¾	63 (2.48)
FTB605B	2.5 to 75	16.5 (0.65)	182 (7.2)	19.5 (0.77)	450	1¼	80 (3.15)
FTB606B	4 to 120	16.5 (0.65)	183 (7.2)	24.5 (0.96)	225	1¼	80 (3.15)

Comes complete with 0.9 m (3') cable, and operator's manual.
*For NPT Threads add suffix **"-T"** to model number, no additional charge.*
***Ordering Examples: FTB602B**, flowmeter with 0.3 to 9 LPM range.*
***FTB605B-T,** flowmeter with 2.5 to 75 LPM range, 1¼ NPT fittings.*

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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