NSF APPROVED TURBINE

FTB-430 Series

1 YEAR WARRANTY

NSF Standard 61

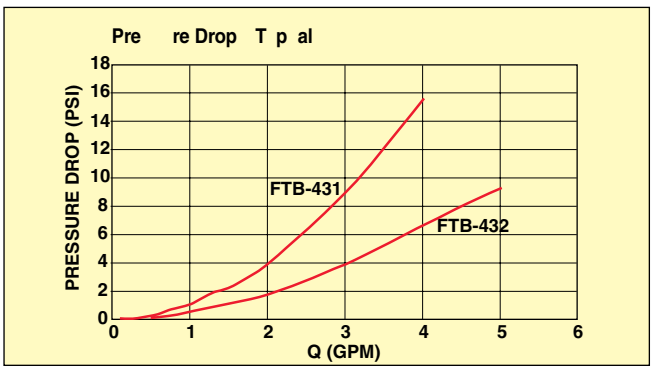
- **Measures Flow Rates from 0.2 to 4 GPM**
- **Lightweight Plastic Design for Multiple Mounting Positions**
- **High Accuracy: ±2% of Reading**
- **High Repeatability: ±0.5% of Reading**
- **Over-Molded Electronics with Integral Cable Strain Reinforcement**

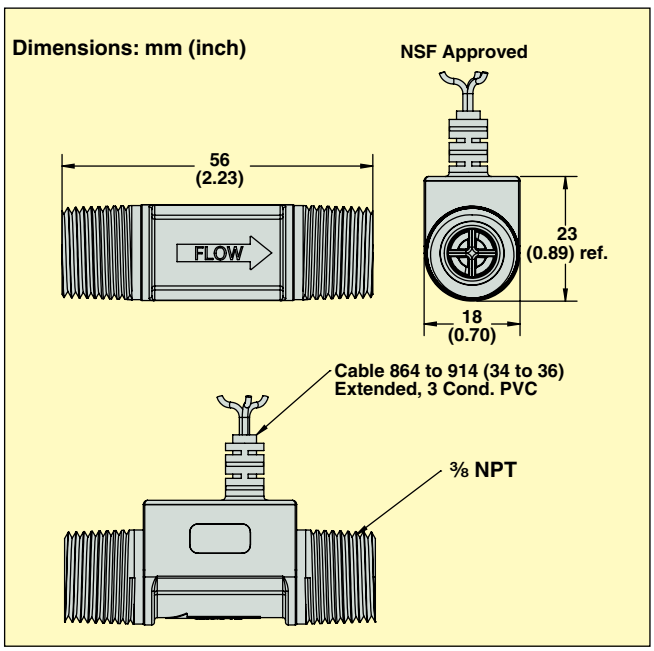
The FTB-430 Series is a highly accurate and repeatable, hall effect turbine flow sensor designed for low flow OEM applications. This low cost, NSF Standard 61 listed flow sensor is ideal for water or beverage dispensing applications or any application with water based liquids. The 316SS shaft coupled with Polyoxymethylyne bearings allows for accurate measurements during quick dispensing cycles. The sensor's standard power and output specifications make it easy to retrofit existing controllers.

FTB-431 shown actual size.

SPECIFICATIONS

Materials:
Body glass reinforced PPO
Turbine PA composite (nylon)
Axle 316 stainless steel
Bearings Polyoxymethylyne, POM
Inlet/Outlet Ports: ⅜ NPT male
Pressure:
Operating: 200 PSIG
Burst: 1000 PSIG
Operating Temperature: -20 to 80°C (-4 to 176°F)
Viscosity: 32 to 81 SSU (1.8 to 16 centistokes)
Recommended Filtration: < 50 microns
Input Power: 5 to 24 Vdc @ 8 mA
Output (Hz): NPN sinking open collector @ 25 mA
Pulses per Gallon:
FTB-431: 10,313
FTB-432: 4994
Maximum Leakage Current: 10µA (5 to 30k pull-up resistor required)
Accuracy: ±2% of reading
Repeatability: ±0.5% of reading
Electrical Connection: 0.91 (3') PVC cable #22 AWG
Approvals: NSF standard 61 listed





To Order *Visit omega.com/ftb-430 for Pricing and Details*	
Model No.	**Description**
FTB-431	NSF approved low flow turbine, 0.2 to 2.0 GPM, 10,313 PPG
FTB-432	NSF approved low flow turbine, 0.4 to 4.0 GPM, 4994 PPG

Comes complete with operator's manual.
***Ordering Example: FTB-431,** NSF approved low flow turbine, 0.2 to 2.0 GPM, 10,313 PPG.*

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