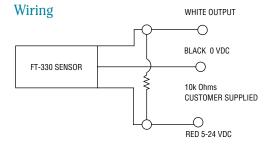
# FT-330 Series – NSF Approved Materials

- ▶ High Accuracy: ±2% of reading
- ▶ High repeatability: ±0.5% of reading
- Overmolded electronics with integral cable strain reinforcement
- Measures flow rates from .2 to 4 GPM
- Lightweight plastic design for multiple mounting positions

The FT-330 is a highly accurate and repeatable, Hall Effect turbine flow sensor designed for low flow OEM applications. This low cost, NSF Std. 61 listed flow sensor is ideal for water or beverage dispensing applications or any application with water based liquids. The 316SS shaft coupled with Delrin® bearings allows for accurate measurements during quick dispensing cycles. The sensor's standard power and output specifications make it easy to retrofit existing controllers.

## **Specifications**

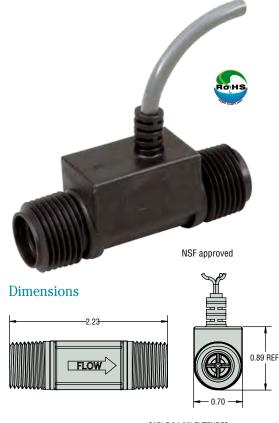
Materials					
Body	Glass Reinforced PPO (Noryl)				
Turbine	PA Composite (Nylon)				
Axle	316 Stainless Steel				
Bearings	Delrin® (Polyoxymethylyne, POM)				
Inlet/Outlet Ports	3/8" NPT Male				
Pressure					
Operating	200 PSIG				
Burst	1000 PSIG				
Operating Temperature	-4°F to 176°F (-20°C to 80°C)				
Viscosity	32 to 81 SSU (1.8 to 16 Centistokes)				
Recommended Filtration	on < 50 Microns				
Input Power	5 to 24 VDC @ 8mA				
Output (Hz)	NPN Sinking Open Collector @ 25mA				
	Maximum leakage current 10µA				
	(5k to 30k Pull-Up Resistor Required)				
Accuracy	±2% of reading				
Repeatability	±0.5% of reading				
Electrical Connection	3 ft PVC cable #22 AWG				
Approvals	NSF Std. 61 listed, RoHS				

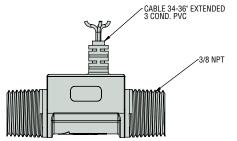


#### How To Order

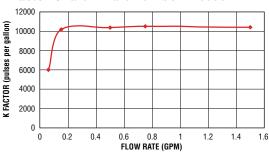
Specify Part Number based on flow rate measuring capability.

Flow Range		Frquency	Pulses Per	Pulses Per	Part Number
GPM	LPM	Out	Gallon	Liter	Part Nulliber
0.2 to 2	0.8 to 7.6	34 to 343 Hz	10,313	2724	226000 🗲
0.4 to 4	1.5 to 15	29 to 343 Hz	4,994	1319	226100 🗲
	<b>GPM</b> 0.2 to 2	GPM LPM 0.2 to 2 0.8 to 7.6	GPM         LPM         Out           0.2 to 2         0.8 to 7.6         34 to 343 Hz	GPM         LPM         Out         Gallon           0.2 to 2         0.8 to 7.6         34 to 343 Hz         10,313	GPM         LPM         Out         Gallon         Liter           0.2 to 2         0.8 to 7.6         34 to 343 Hz         10,313         2724





## K-factor Chart\* - Part Number 226000



\* Consult factory for P/N 226100 K-factor chart

# Pressure Drop—Typical

