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

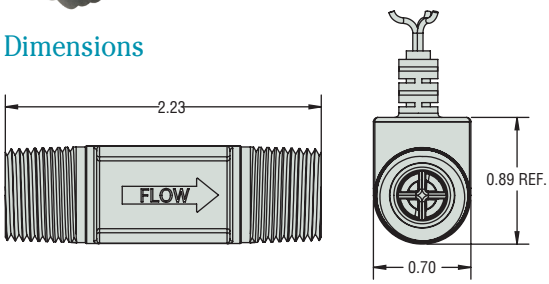
The FT-330 is a highly accurate and repeatable, Hall Effect turbine flow sensor designed for low flow OEM applications. This low cost, NSF Std. 61 listed flow sensor is ideal for water or beverage dispensing applications or any application with water based liquids. The 316SS shaft coupled with Delrin®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

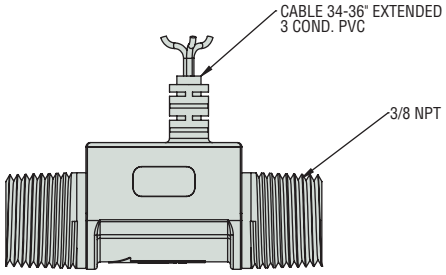
NSF approved

Specifications

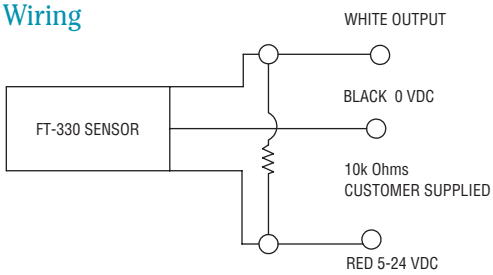
Materials	
Body	Glass Reinforced PPO (Noryl)
Turbine	PA Composite (Nylon)
Axle	316 Stainless Steel
Bearings	Delrin® (Polyoxymethylyne, POM)
Inlet/Outlet Ports	3/8˝ NPT Male
Pressure	
Operating	200 PSIG
Burst	1000 PSIG
Operating Temperature	-4°F to 176°F (-20°C to 80°C)
Viscosity	32 to 81 SSU (1.8 to 16 Centistokes)
Recommended Filtration	< 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

Dimensions

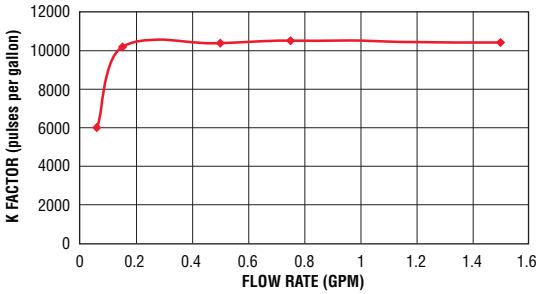




Wiring



K-factor Chart* - Part Number 226000



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

How To Order

Specify Part Number based on flow rate measuring capability.

Flow Range		Frquency Out	Pulses Per Gallon	Pulses Per Liter	Part Number
GPM	LPM				
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** ⚡

⚡ – Stock Items.

Pressure Drop—Typical