

FT-330 Series – NSF Certified

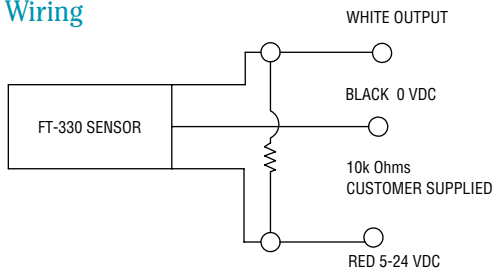
- ▶ High Accuracy: $\pm 2\%$ of reading
- ▶ High repeatability: $\pm 0.5\%$ of reading
- ▶ Overmolded electronics with integral cable strain reinforcement
- ▶ Measures flow rates from .2 to 4 GPM
- ▶ Lightweight plastic design for multiple mounting positions

The FT-330 is a highly accurate and repeatable, Hall Effect turbine flow sensor designed for low flow OEM applications. This low cost, NSF Certified, NSF/ANSI/CAN 61 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® (Polyoxymethylene, 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 | $\pm 2\%$ of reading |
| Repeatability | $\pm 0.5\%$ of reading |
| Electrical Connection | 3 ft PVC cable #22 AWG |
| Approvals | NSF Certified, NSF/ANSI/CAN 61, RoHS |

Wiring



How To Order

Specify Part Number based on flow rate measuring capability.

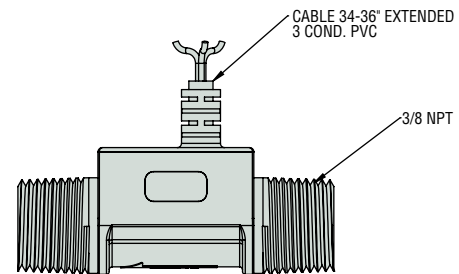
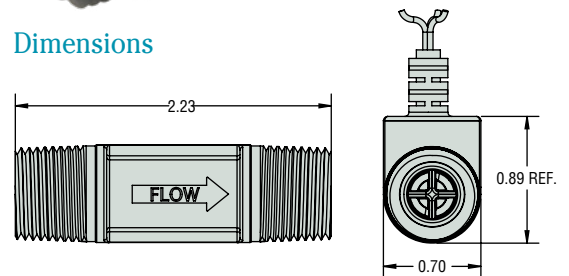
| Flow Range | | Frequency Out | Pulses Per Gallon | Pulses Per Liter | Part Number |
|------------|------------|---------------|-------------------|------------------|-----------------|
| GPM | LPM | | | | |
| 0.2 to 2 | 0.8 to 7.6 | 34 to 343 Hz | 10,313 | 2724 | 226000 ⚡ |
| 0.4 to 4 | 1.5 to 15 | 29 to 343 Hz | 4,994 | 1319 | 226100 ⚡ |

⚡ – Stock Items.

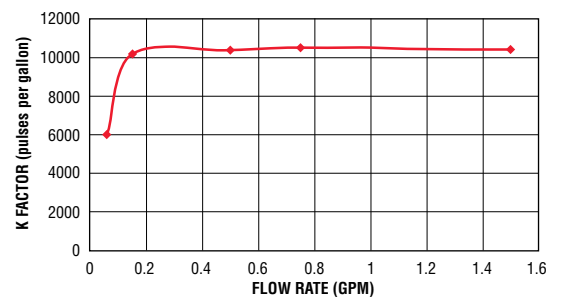


NSF approved

Dimensions



K-factor Chart* - Part Number 226000



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

Pressure Drop—Typical

