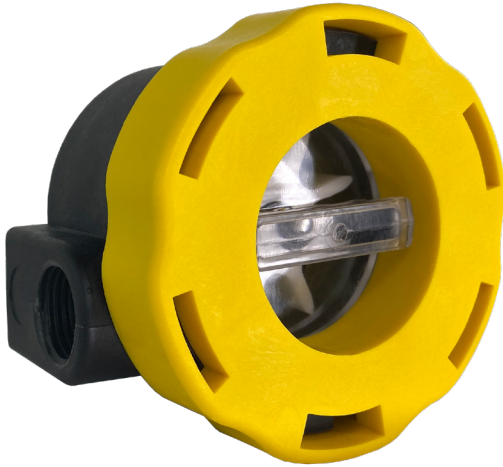


FLOWSTAT ES TURBINE FLOW SENSOR

Ideal for monitoring various fluids in applications such as chillers/cooling circuits, HVAC, batching and industrial process control applications.



TECHNICAL SPECIFICATIONS

Measuring Accuracy
2% of full-scale

Repeatability
±0.5% of full-scale

Flow Measuring Range
0.5-15 GPM (2-60 LPM)
With optional low-flow adapter:
.25-4.5 GPM (1-17 LPM)

Turn Down Ratio
10:1

Maximum Operating Pressure
150 PSIG

Maximum Operating Temperature
20-150°F

Standard Calibration Fluid
Tap water @ 70°F Temperature (21°C),
1.0 sg

Filtration Requirement
150 Micron Filter recommended

BENEFITS

Value Pricing

Low cost operation combined with low cost maintenance, equals better bottom line savings for your operation.

Encapsulated Circuitry

Withstands the harshest environments.

Several Outputs Available

The standard interface is a 2-wire, 4-20mA current loop. Sensor signal may be transmitted on a low cost wire without degradation. Pulse, relay and 0-5 VDC (regulated) are also available.

Connects Directly to your Flow Monitoring Instruments

Can be connected directly to analog acquisition cards, chart recorders or other monitoring instruments, without external signal conditioning.

Simply Plumb and Apply Power

Comes factory calibrated to your flow range specifications.

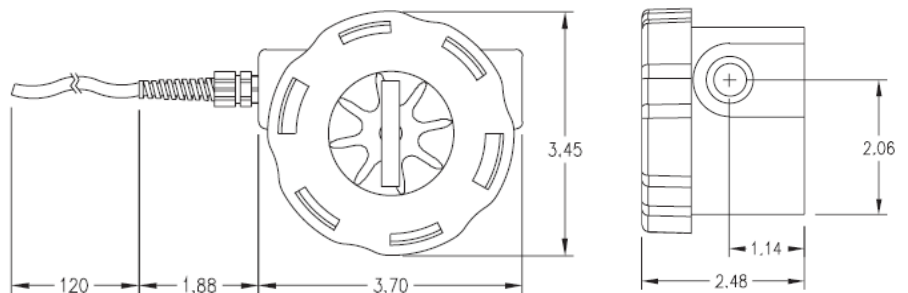
Low Cost Accuracy

Mid-scale measuring accuracy within ±2.5%.
Full-scale accuracy within ±4%.

MATERIALS OF CONSTRUCTION

Wetted Components		Non-Wetted Components	
Component	Materials	Component	Materials
Casing	Glass-Filled Polypropylene	Encapsulant	Epoxy
Cover	Clear Polycarbonate	Strain Relief	Nylon
Seal	Buna-N® (Other options available)	Lock Ring	Glass-Filled Polypropylene
Impeller	Acetal Copolymer	Wire Insulation	High-Temperature PVC
Bearing	PEEK (Polyetheretherketone)		
Shaft	Stainless Steel		

Buna-N is a registered trademark of Chemische Werke Huls.



Measurements shown in inches.

