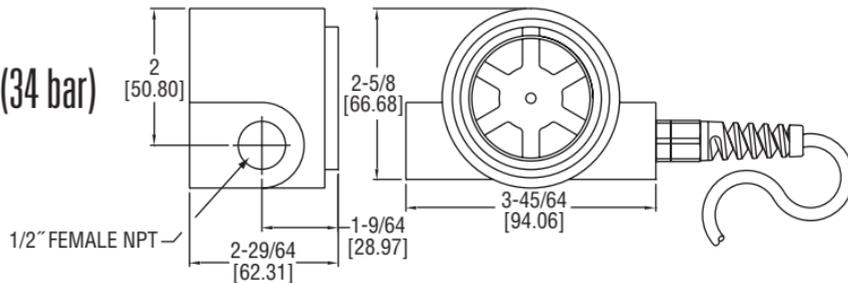


SIGHT FLOW TRANSMITTER

±2% FS Accuracy, 4 to 20 mA Output, Pressure up to 500 psig (34 bar)



The **SERIES SF** Sight Flow Transmitter is a Series of sight indicators which can display flow or contents of pipelines and provide an analog 4 to 20 mA signal proportional to the flow rate. It is available with a 316 SS or clear polycarbonate cover.

FEATURES/BENEFITS

- Integrates tangential turbine technology with hermetically sealed circuitry to provide accurate flow measurement and control in the harshest environments
- 2-wire loop-powered design transmits a 4 to 20 mA signal proportional to flow rate for remote flow monitoring
- Clear polycarbonate viewing cover option for visible indication of flow
- 316 SS cover offers added protection with pressure limit up to 500 psig (34 bar)
- LED power indication, adjustable zero and span, polarity protection and over current limiting
- Accurately measures flow in both directions and can be mounted in any orientation

APPLICATIONS

- Cooling and lubrication circuits
- HVAC systems
- Aggressive chemical metering
- Batching systems

OPTION	
Use order code:	Description
NISTCAL-FT1	NIST traceable calibration certificate

SPECIFICATIONS

Service: Compatible liquids.

Wetted Materials: 316 SS shaft and case, Iglide® bearings, Buna-N seal and acetal copolymer, (polycarbonate cover on Model SF11).

Flow Range: 0.5 to 15 GPM (2 to 60 LPM).

Accuracy: ±2% FS.

Repeatability: 0.5% FS.

Temperature Limits: 20 to 225°F (-7 to 107°C).

Pressure Limits: 500 psig (34 bar) Model SF10; 200 psig (14 bar) Model SF11.

Response Time: 2 seconds to 90% (step change in flow rate).

Supply Voltage: 12 to 35 VDC.

Output: 4 to 20 mA.

Loop Resistance: 1150 Ω max.

Process Connection: 1/2" female NPT.

Electrical Connection: Wire leads: 22 AWG x 9' (2.7 m).

Max. Particle Size: 100µm.

Agency Approvals: CE.

MODEL CHART

Model	Cover Material
SF10	316 SS
SF11	Clear polycarbonate