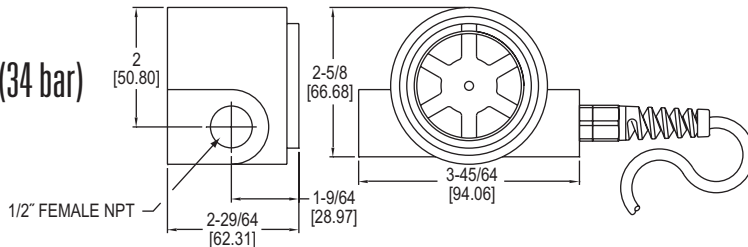




SERIES SF | W. E. ANDERSON® BY DWYER

# SIGHT FLOW TRANSMITTER

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



FLOW

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

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

SPECIFICATIONS	
<b>Service:</b> Compatible liquids.	<b>Pressure Limits:</b> 500 psig (34 bar) Model SF10; 200 psig (14 bar) Model SF11.
<b>Wetted Materials:</b> 316 SS shaft and case, Iglide® bearings, Buna-N seal and acetal copolymer, (polycarbonate cover on Model SF11).	<b>Response Time:</b> 2 s to 90% (step change in flow rate).
<b>Flow Range:</b> 0.5 to 15 GPM (2 to 60 LPM).	<b>Supply Voltage:</b> 12 to 35 VDC.
<b>Accuracy:</b> ±2% FS.	<b>Output:</b> 4 to 20 mA.
<b>Repeatability:</b> 0.5% FS.	<b>Loop Resistance:</b> 1150 Ω max.
<b>Temperature Limits:</b> 20 to 225°F (-7 to 107°C).	<b>Process Connection:</b> 1/2" female NPT.
	<b>Electrical Connection:</b> Wire leads: 22 AWG x 9' (2.7 m).
	<b>Max. Particle Size:</b> 100µm.
	<b>Agency Approvals:</b> CE.

MODEL CHART	
Model	Cover Material
SF10	316 SS
SF11	Clear polycarbonate