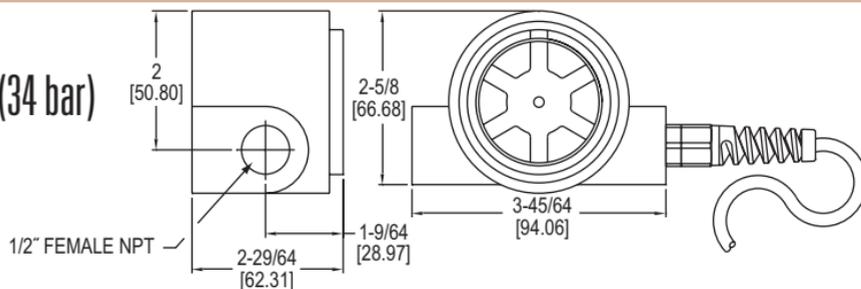


**Dwyer**

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)



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

**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 s 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