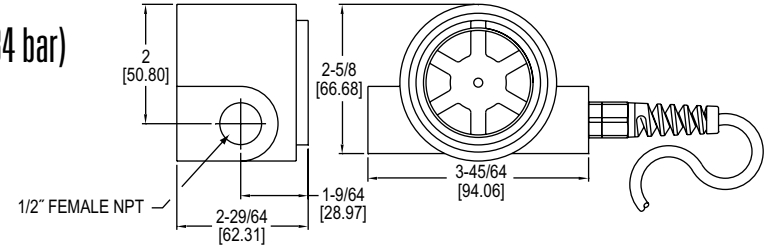
Dwyer

SERIES SF

# SIGHT FLOW TRANSMITTER

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

**CALIBRATION SERVICES AVAILABLE**




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

### BENEFITS/FEATURES

- 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 4-20 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

| MODEL CHART | |
|---|---|
| **Model** | **Cover Material** |
| **SF10** | 316 SS |
| **SF11** | Clear polycarbonate |

### SPECIFICATIONS

**Service:** Compatible liquids.
**Wetted Materials:** 316 SS shaft and case, Iglide® bearings, Buna-N seal or EPR for -EPR units 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:** 12-35 VDC.
**Output:** 4-20 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:** 100 µm.
**Compliance:** CE.

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