The Series SFI-800 Sight Flow Indicator is a low cost, durable rotor style flow indicator with optional Hall effect magnetic output packages for remote flow monitoring. Both SFI-800 and 801 models are constructed of clear plastic enabling 360° viewing of the spinning rotor for easy flow indication. SFI-800 models are constructed of polysulfone with excellent chemical compatibility, high pressure and temperature ratings, and all wetted materials are FDA/NSF ratable for potable water applications. SFI-801 models are constructed of UV stabilized polycarbonate making them ideal for outdoor applications (materials do not meet FDA/NSF). The SFI-801 models also feature an easy view bright red impeller.

**Body and Sensors Attached:**
- To order A-711 attached to flow indicator body add suffix -A711 to the body part number. Example: SFI-800-1/2-A711
- To order A-712 attached to flow indicator body add suffix -A712 to the body part number. Example: SFI-800-1/2-A712
- To order A-713 attached to flow indicator body add suffix -A713 to the body part number. Example: SFI-800-1/2-A713

**SENSOR ONLY**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-711</td>
<td>Pulsed Output</td>
</tr>
<tr>
<td>A-712</td>
<td>1 to 10 VDC</td>
</tr>
<tr>
<td>A-713</td>
<td>Two Open Collectors</td>
</tr>
</tbody>
</table>

*Sensor only, not attached to the flow indicator body.

**BODY ONLY**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Range GPM (LPM)</th>
<th>Connection Female NPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFI-800-1/2</td>
<td>Indicator Only</td>
<td>2-20 (7.6-75.5)</td>
<td>1/2˝</td>
</tr>
<tr>
<td>SFI-800-3/4</td>
<td>Indicator Only</td>
<td>3-35 (11.4-132.5)</td>
<td>3/4˝</td>
</tr>
<tr>
<td>SFI-800-1/2-LF</td>
<td>Indicator Only</td>
<td>0.5-6.5 (1.9-24.6)</td>
<td>1/2˝</td>
</tr>
</tbody>
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<tr>
<td>SFI-801-1/2</td>
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<td>2-20 (7.6-75.5)</td>
<td>1/2˝</td>
</tr>
<tr>
<td>SFI-801-3/4</td>
<td>Indicator Only</td>
<td>3-35 (11.4-132.5)</td>
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<td>1/2˝</td>
</tr>
</tbody>
</table>

**POLYCARBONATE BODY**

**SPECSIFICATIONS**

**Service:** Compatible fluids.

**Wetted Materials**

- Body: SFI-800: Polysulfone; SFI-801: UV stabilized polycarbonate;
- Window: SFI-800: Polysulfone; SFI-801: UV stabilized polycarbonate;
- Rotor: SFI-800: White polysulfone; SFI-801: Red UV stabilized PBT;
- Rotor Pin: 316 SS;
- Thrust washers: 300 Series SS;
- O-ring: SFI-800: Fluoroelastomer (NSF grade); SFI-801: Buna-N.

**Temperature Limits:**
- SFI-800: -20 to 212°F (-29 to 100°C);
- SFI-801: -20 to 130°F (-29 to 55°C).

**Pressure Limits:**
- SFI-800: 150 psi (10.34 bar);

**Viscosity Max:** 200 SSU.

**Weight:**
- SFI-800: 3.35 oz (95 g); SFI-800-A711: 5.0 oz (142 g).

**Agency Approvals:** CE.

**ELECTRICAL SPECIFICATIONS (for A-711 Option Only)**

**Temperature Limits:** -20 to 212°F (-29 to 100°C).

**Power Requirements:** 8 to 28 VDC.

**Output Signal:**
- White lead: 5 VDC out pulse;
- Green lead: 8 to 28 VDC equal to supply voltage. Pulsed output with frequency rate proportional to flow rate.

**Accuracy:** ±5% of FS.

**Frequency Output Range:** 0 to 100 Hz.

**Electrical Connections:**
- Black lead: ground;
- White lead: 5 VDC out pulse;
- Green lead: 8 to 28 VDC out pulse;
- Red lead: 8 to 28 VDC supply.

**ELECTRICAL SPECIFICATIONS (for A-712 option only)**

**Temperature Limits:** -20 to 212°F (-29 to 100°C).

**Power Requirements:** 15 to 28 VDC.

**Output Signal:**
- White lead: 1 to 10 VDC.

**Accuracy:** ±5% of FS.

**Electrical Termination:**
- Black lead: Ground;
- Red lead: 15 to 28 VDC input;
- White lead: 1 to 10 VDC output.

**ELECTRICAL SPECIFICATIONS (for A-713 option only)**

**Temperature Limits:** -20 to 212°F (-29 to 100°C).

**Power Requirements:** 8 to 28 VDC.

**Output Signal:**
- White lead: Normally open switch;
- Green lead: Normally closed switch.

**Accuracy:** ±5% of FS.

**Electrical Connections:**
- Black lead: Ground;
- White lead: Normally open switch;
- Green lead: Normally closed switch.