**Flow Transmitters, Paddlewheel**

**SPECIFICATIONS**
- **Service:** Compatible fluids.
- **Wetted Materials:** Body: Brass; Window: Tempered glass; Rotor: Red UV stabilized PBT; Rotor pin: 316 SS; Thrust washers: 300 series SS; Gasket: Buna-N.
- **Temperature Limits:** -20 to 200°F (-29 to 93°C).
- **Pressure Limits:** 125 psi (8.62 bar).
- **Viscosity Max:** 200 SSU.
- **Weight:** SFI only: 1.5 lb (0.7 kg); with A-711T: 1.8 lb (0.8 kg).

**ELECTRICAL SPECIFICATIONS**
- **Temperature Limits:** -20 to 212°F (-29 to 100°C).
- **Power Requirements:** 8 to 28 VDC.
- **Output Signal:** White lead: 5 VDC. 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.

The SFI-100T is a low cost and durable flow transmitter that combines our popular 100 Series Sight Flow indicator with our A-711T output sensor. The SFI-100T sight flow indicator is constructed of a robust, solid brass body and a tempered glass window. A bright red impeller is featured for great visual indication of flow through the window. The front window can be easily unscrewed to clean out the sight flow indicator. Ideal for outdoor applications, the flow transmitter is weatherproof and unaffected by UV light.

The **A-711T** output sensor has a VDC output with pulsing for flow totalization and a proportional frequency change for flow rate. For added versatility there are two output choices of 5 VDC or a VDC equal to the input power supplied. The output is compatible with digital rate meters/totalizers and other electronic systems. Great for use in monitoring water flow especially in chillers.

<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-100T-1/2-A711T</td>
<td>Brass Indicator with A-711T Sensor</td>
<td>2-20 (7.6-75.5)</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>SFI-100T-3/4-A711T</td>
<td>Brass Indicator with A-711T Sensor</td>
<td>3-35 (11.4-132.5)</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>A-711T</td>
<td>Output Sensor Package</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

**Electronic Totalizing Meter**

Measure batch and cumulative totals in liquid transfer systems with the Series TTM Electronic Totalizing Meter. The meter is designed for any pump, pressure, or gravity feed system with a 3 to 30 GPM (10 to 100 LPM) flow range. View batch and cumulative totals on the large 4-digit LCD display. Batch totals can be reset to measure flow during a single use. The cumulative total will automatically reset to zero when a maximum reading of 9999 is obtained. Models designed for use in water applications are constructed of nylon and rated to 150 psig (10 bar). Aluminum models are calibrated for fuels and rated to 300 psig (20 bar).

<table>
<thead>
<tr>
<th>Model</th>
<th>Application</th>
<th>Body Material</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>TTM10</td>
<td>Water*</td>
<td>Nylon</td>
<td>Gallons</td>
</tr>
<tr>
<td>TTM11</td>
<td>Water*</td>
<td>Nylon</td>
<td>Liters</td>
</tr>
<tr>
<td>TTM20</td>
<td>Fuels†</td>
<td>Aluminum</td>
<td>Gallons</td>
</tr>
<tr>
<td>TTM21</td>
<td>Fuels†</td>
<td>Aluminum</td>
<td>Liters</td>
</tr>
</tbody>
</table>

*Calibrated for use with water
†Calibrated for use with gasoline, diesel fuel and kerosene

**SPECIFICATIONS**
- **Service:** Compatible liquids.
- **Flow Range:** 3 to 30 GPM (10 to 100 LPM).
- **Wetted Materials:** Bearings: Ceramic; Shaft: Tungsten carbide; Rotor: Nylon 6-6; Rings: 316 SS; Body: TTM10, 11: Nylon 6-6, TTM20, 21: Aluminum; Other: TTM20, 21: Ceramic magnet.
- **Accuracy:** ±5%.
- **Batch Total Maximum:** 9999.
- **Cumulative Total Maximum:** 9999.
- **Temperature Limits:** 14 to 130°F (-10 to 54°C).
- **Pressure Limits:** Nylon models: 150 psig (10 bar); Aluminum models: 300 psig (20 bar).
- **Power:** Two AAA alkaline batteries (included).
- **Battery Life:** Approx. 9000 hours.
- **Weight:** Nylon models: 0.4 lb (190 g); Aluminum models: 0.7 lb (340 g).
- **Agency Approvals:** CE.