Series TFP-LP Liquid Turbine Flow Meters are suitable for a wide variety of industrial, commercial, and laboratory flow applications. These meters utilize a turbine wheel and electro-optical detection to convert flow rates into a linear 0 to 5 VDC output signal for recording and data logging. A couple this unit with a Series TM2 Flow Totalizer for a remote flow monitoring display. A power adapter or mating cable assembly is required for operation.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-454</td>
<td>115 VAC Power Adapter and Signal Cable</td>
</tr>
<tr>
<td>A-455</td>
<td>230 VAC Power Adapter and Signal Cable</td>
</tr>
<tr>
<td>A-456</td>
<td>36” Mating Cable with Spliced Leads</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

Service: Clean liquids compatible with wetted materials.
Wetted Materials: PPS, acetal, sapphire, glass, epoxy, and fluoroelastomer.
Accuracy: ±1% of full-scale.
Linearity: ±1% of full-scale.
Repeatability: ±0.2% of full-scale.
Temperature Limits: 41 to 131°F (5 to 55°C); Storage: 32 to 158°F (0 to 70°C);
Sensitivity: ±0.2% of full-scale per °C.
Pressure Limits: 100 psig (6.8 bar).
Process Connection: Compression fitting, see model table.
Power Requirements: 11.5 to 15 VDC.
Power Consumption: 35 mA @ 12 VDC.
Output Signal: 0 to 5 VDC: Minimum 2.5 kΩ load; Pulse: 7.5 VDC peak buffered square wave.
Electrical Connections: Four-pin power and signal connector. A power adapter or mating cable required for operation. See Accessories Table.
Enclosure Rating: IP10 (NEMA 1).
Weight: 0.19 lb (85 g).
Agency Approvals: CE.

Series TFP-LI Liquid Turbine Flow Meters are suitable for a wide variety of industrial, commercial, and laboratory flow applications. These meters utilize a turbine wheel and electro-optical detection to convert flow rates into a linear 0 to 5 VDC output signal for recording and data logging. A 3½-digit LCD informs the user of the actual flow rate. A power adapter or mating cable assembly is required for operation.

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</tr>
</tbody>
</table>

**SPECIFICATIONS**

Service: Clean liquids compatible with wetted materials.
Wetted Materials: PPS, acetal, sapphire, glass, epoxy, and fluoroelastomer.
Accuracy: ±1% of full-scale.
Linearity: ±1% of full-scale.
Repeatability: ±0.2% of full-scale.
Temperature Limits: 41 to 131°F (5 to 55°C); Storage: 32 to 158°F (0 to 70°C);
Sensitivity: ±0.2% of full-scale per °C.
Pressure Limits: 100 psig (6.8 bar).
Process Connection: Compression fitting, see model table.
Power Requirements: 11.5 to 15 VDC.
Power Consumption: 35 mA @ 12 VDC.
Output Signal: 0 to 5 VDC: Minimum 2.5 kΩ load; Pulse: 7.5 VDC peak buffered square wave.
Electrical Connections: Four-pin power and signal connector. A power adapter or mating cable required for operation. See Accessories Table.
Enclosure Rating: IP10 (NEMA 1).
Weight: 0.27 lb (121 g).
Agency Approvals: CE.