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 3½ digit LCD informs the user of the actual flow rate. A power adapter or mating cable assembly is required for operation.

### 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:
- Process: 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).
- **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 assembly is required for operation. See Accessories Table.

**Agency Approvals:** CE.

### ACCESSORIES

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<th>Model</th>
<th>Description</th>
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<tr>
<td>A-454</td>
<td>115 VAC Power Adapter and Signal Cable</td>
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<tr>
<td>A-455</td>
<td>230 VAC Power Adapter and Signal Cable</td>
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<td>A-456</td>
<td>36&quot; Mating Cable with Spliced Leads</td>
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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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**Agency Approvals:** CE.