**SERIES DFMT & DFMT2**

**DIGITAL PADDLEWHEEL FLOW TRANSMITTERS**

Flow and Total Indication, Easy to Read LCD Display, 4-20 mA or Pulse Output

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**FEATURES/BENEFITS**

- The series DFMT digital paddlewheel flow transmitters provide instantaneous, as well as totalizing flow monitoring. The unit offers a user selectable 4-20 mA or pulse output with compact display.

- **Applications**
  - Cooling towers
  - Chemical proportioning or blending
  - Industrial water and wastewater treatment
  - Cooling water monitoring
  - Fluctuating fluid conductivity applications
  - Reverse osmosis systems

- Security password protecting prevents any unauthorized changes

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**DIGITAL PADDLEWHEEL FLOW TRANSMITTERS**

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**APPLICATIONS**

- Cooling towers
- Chemical proportioning or blending
- Industrial water and wastewater treatment
- Cooling water monitoring
- Fluctuating fluid conductivity applications
- Reverse osmosis systems

The series DFMT2 remote digital paddlewheel flow transmitter provides instantaneous, as well as totalizing flow monitoring. The unit offers a user selectable 4-20 mA or pulse output with remote display.

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**FEATURES/BENEFITS**

- Two piece design allows the user to separate the control display from the application, making it ideal in areas where space is limited
- The large backlit LCD display defines instantaneous as well as cumulative flow with visual indication bar designating percent of max flow
- Long operation life with high accuracy paddlewheel technology and corrosion resistant PVDF sensor
- Totalizer is user resettable at any time ideal for single batch totalization
- Security password protecting prevents any unauthorized changes

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**SPECIFICATIONS**

- **Service**: Compatible clean liquids.
- **Range**: See model chart.
- **Wetted Materials**: Sensor and impeller: PVDF; Shaft: Ceramic; O-rings: Fluoroelastomer.
- **Accuracy**: ±1.5% FS.
- **Repeatability**: ±0.5% FS.
- **Output**: Analog: 4-20 mA (750 Ω max. loop resistance); Pulse: NPN square wave output; Frequency: 0 to 2 kHz (adjustable); Pulse width: 0 to 1000 ms (adjustable).
- **Electrical Connections**: Removable screw terminal.
- **Temperature Limits**: Process: -4 to 194°F (-20 to 90°C); Ambient: -4 to 149°F (-20 to 65°C).
- **Pressure Limit**: 145 psi (1.0 MPa).
- **Power Requirements**: 12-24 VDC.
- **Power Consumption**: 1 W.
- **Display**: 2.38 x 1.25˝ (60.33 x 31.75 mm) LCD.
- **Totalizing Display Maximum**: 9,999,999,999.
- **Process Connection**: See model chart.
- **Enclosure Rating**: IP65.
- **Enclosure Material**: ABS plastic.
- **Weight**: See model chart.

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**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range GPM (m³/h)</th>
<th>Connection</th>
<th>Weight lb (kg)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFMT-10A</td>
<td>0.44 to 7.93 (0.1 to 1.8)</td>
<td>3/8&quot; NPT</td>
<td>1.06 (0.48)</td>
<td>$718.00</td>
</tr>
<tr>
<td>DFMT-15A</td>
<td>0.88 to 17.61 (0.2 to 4)</td>
<td>1/2&quot; NPT</td>
<td>1.10 (0.5)</td>
<td>$718.00</td>
</tr>
<tr>
<td>DFMT-20A</td>
<td>1.32 to 26.42 (0.3 to 6)</td>
<td>3/4&quot; NPT</td>
<td>1.15 (0.52)</td>
<td>$822.00</td>
</tr>
<tr>
<td>DFMT-25A</td>
<td>2.20 to 52.83 (0.5 to 12)</td>
<td>1&quot; NPT</td>
<td>1.23 (0.56)</td>
<td>$822.00</td>
</tr>
<tr>
<td>DFMT-40A</td>
<td>8.81 to 105.67 (1.5 to 24)</td>
<td>1-1/2&quot; NPT</td>
<td>1.46 (0.66)</td>
<td>$849.00</td>
</tr>
<tr>
<td>DFMT-50A</td>
<td>8.81 to 176.11 (2 to 40)</td>
<td>2&quot; NPT</td>
<td>1.68 (0.76)</td>
<td>$849.00</td>
</tr>
</tbody>
</table>

*Note: Items are subject to Schedule B discounts.*

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</tr>
</thead>
<tbody>
<tr>
<td>DFMT2-10A</td>
<td>0.44 to 7.93 (0.1 to 1.8)</td>
<td>3/8&quot; NPT</td>
<td>1.76 (0.8)</td>
<td>$787.00</td>
</tr>
<tr>
<td>DFMT2-15A</td>
<td>0.88 to 17.61 (0.2 to 4)</td>
<td>1/2&quot; NPT</td>
<td>1.81 (0.82)</td>
<td>$787.00</td>
</tr>
<tr>
<td>DFMT2-20A</td>
<td>1.32 to 26.42 (0.3 to 6)</td>
<td>3/4&quot; NPT</td>
<td>1.85 (0.84)</td>
<td>$888.00</td>
</tr>
<tr>
<td>DFMT2-25A</td>
<td>2.20 to 52.83 (0.5 to 12)</td>
<td>1&quot; NPT</td>
<td>1.94 (0.88)</td>
<td>$888.00</td>
</tr>
<tr>
<td>DFMT2-40A</td>
<td>8.81 to 105.67 (1.5 to 24)</td>
<td>1-1/2&quot; NPT</td>
<td>2.20 (1.0)</td>
<td>$905.00</td>
</tr>
<tr>
<td>DFMT2-50A</td>
<td>8.81 to 176.11 (2 to 40)</td>
<td>2&quot; NPT</td>
<td>2.43 (1.1)</td>
<td>$905.00</td>
</tr>
</tbody>
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- Reverse osmosis systems
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