This flowmeter is designed specifically for the drink dispensing industries including beer wines and spirits. They give high performance and competitive pricing with a flow range up to 10 litres per minute. They have totally non-metallic wetted components which makes them the ideal choice for the metering of food based products and even ultra-pure water. The standard inlet tubes are 3/8” push on pipe connectors, for OEM use alternatives are available. The bearings are made of sapphire for long life and reliability, the body is moulded in a choice of thermo-plastics (PVDF as standard) and the ‘O’ ring seal is typically Viton®.

At the heart of the meter is a precision turbine that rotates freely on robust sapphire bearings and contains over-moulded magnets that are detected through the chamber wall by a Hall effect detector. The output is a stream of NPN pulses that are directly interfaced with the electronic display. This combination of materials and technology ensures a long life product with reliable operation throughout.

**FEATURES**

- Low cost
- PVDF body
- Sapphire bearings
- Hall effect sensor
- 5 to 24Vdc
- 10 Bar rating
- Viton® seal as standard
- 3/8” John Guest style
- IP65
- 0.1% repeatability
- NSF Certified for use in food and beverage production

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Flow range L/Min</th>
<th>Linearity % FSD</th>
<th>Typical Freq. Hz.</th>
<th>Approx. 'K' Factor</th>
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</thead>
<tbody>
<tr>
<td>300-010</td>
<td>0.6 - 10</td>
<td>1.0</td>
<td>235</td>
<td>1420</td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
<td></td>
<td>0.150kg</td>
</tr>
</tbody>
</table>

**TECHNICAL PRODUCT DATA SHEET**

**Beverage Meter**

**IDEAL FOR**

- Drinks dispensing
- Beer monitoring
- Cooling equipment
- Semiconductor plant
- Food and beverage production

**STANDARD MATERIALS OF CONSTRUCTION**

- Body and cap: PVDF
- ‘O’ Ring seal: Viton®
- Magnets: Over-moulded
- Bearings: Sapphire