INFINITY EVO CLASS B WOLTMANN METER
The Infinity Evo Woltmann WP complies with all requirements of the Legal Metrology Act (2014), SANS1529-1: 2019 and the National Regulator for Compulsory Specifications (N.R.C.S.) In addition, the meters comply with Directive 2014/32/EU (MID) (Annex MI-001) and European Standard ISO4064.

**APPLICATION**

- Accurate measurement of volume of cold potable water passing through a pipeline.
- Zone metering and area monitoring.

**FEATURES**

- Performance to SANS 1529 – 1 : 2019 Class B specifications.
- Directive 2014/32/EU (Annex MI-001) certified
- P68 copper can register with scratch resistant mineral glass lens.
- Pulse ready as standard.
- Magnetic reed switch, inductive pulser or radio module options.
- Performance is not affected by installation conditions.
- Suitable for both horizontal and vertical installation (UP†).
- Serial number printed on dial face
- Registers have magnetic protection to prevent magnetic interference and tampering.
- Meter body is manufactured from SG cast iron ensuring extra strength and shock resistance.
- The meter body is epoxy coated both internally and externally.
- The steel pivot + synthetic sapphire bearings ensure and long-term durability and accuracy.
- The internal mechanism is manufactured from hard wearing anhygroscopic anti-scaling virgin engineering plastics.
- The meter has a built-in flow straightener.
- No upstream and downstream straight pipe requirements. (U0-D0)
- The nominal working pressure is 1600 kPa. (16 Bar)
- The maximum working temperature is 50° C.
- Fully shrouded pre-calibrated interchangeable internal mechanisms are available for ease of maintenance.
- The meter body has no effect on accuracy.
- The calibration vane is situated in a protected by-pass thus preventing impact and movement of the calibration vane by suspended solids in the pipeline resulting in the meter losing accuracy.
- The meter can be marked with a QR code with meter serial number for GPS location and identification.

**PERFORMANCE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>METER SIZE (mm)</th>
<th>Permanent Flow rate qp ±2% (m³/h)</th>
<th>Transitional Flow rate qt ±2% (m³/h)</th>
<th>Minimum Flow rate q/min ±5% (m³/h)</th>
<th>Factor</th>
<th>Minimum Reading (m³/h)</th>
<th>Pulse Value Litres per pulse (INDUCTIVE)</th>
<th>Pulse Value Litres per pulse (REED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>15</td>
<td>3</td>
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<td>100</td>
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<tr>
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<td>-</td>
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</table>

Please note - These performance figures are correctly calculated and comply strictly with the requirements of SANS 1529-1 : 2019 (Section 4.9 Metrological Classes - Table 1.)
DIMENSION TABLE

<table>
<thead>
<tr>
<th>METER SIZE (mm)</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
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</thead>
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<tr>
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<tr>
<td>80</td>
<td>225</td>
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</tbody>
</table>

TYPICAL ERROR CURVE

HEADLOSS CURVE
COMMUNICATION

FLOWPULSE BI- DIRECTIONAL INDUCTIVE PULSER

- Power supply: lithium battery; service life 12 years (standard configuration)
- Safe from magnetic fields
- Protection rating: IP68
- Flow Pulse: for transmission of data to a digital remote reading unit

MECHANICAL REED SWITCH PULSER

- Easy to install and replace
- No influence on the meter’s performance
- Protection rating: IP68