CombiLyz®
Conductivity – naturally better.
Product overview of CombiLyz®

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<tr>
<th>Features</th>
<th>Industries</th>
<th>Media edge conditions</th>
<th>Process connections</th>
<th>Wetted parts material</th>
<th>Available measurement ranges</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity and concentration</td>
<td>Food &amp; Beverage</td>
<td>−20...+140 °C 150 °C for max. 1 hour</td>
<td>G1® hygienic adaptors to most hygienic connections</td>
<td>PEEK</td>
<td>0...500 μS/cm 0...1.0 mS/cm to 0...500 mS/cm 0...1000 mS/cm −30 °C...150 °C</td>
<td>&lt; 1.5%</td>
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<tr>
<td>Temperature measurement</td>
<td>Pharmaceutical Water/waste water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&lt; 1.0%</td>
</tr>
<tr>
<td>Fast response time</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&lt; 1.5%</td>
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<tr>
<td>Resistant to high ambient temperature</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&lt; 0.4% (of selected range each)</td>
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</tbody>
</table>

Housing
- Stainless steel AISI 304 (1.4301)
- IP67 (cable gland), IP 69K (M12)
- Compact design

Measuring principle
- Inductive toroidal

Output signal
- 2 × 4...20 mA
- 4...20 mA HART (pending)
- 2 × relay contact
- M12 plug 4-pin or 8-pin
- M16 or M20 cable gland

Electrical Connection
- Built in graphical display DFON
- Programmable by touch screen or external Flex-Programmer 9701
- IO-Link

Interfaces
- 3-A
- EHEDG
- FDA, CE

Standards & Approvals
- Insertion length:
  - Short: 37 mm
  - Medium: 60 mm
  - Long: 83 mm
- Cable length
  - Split version: 2.5/5.0/10.0 m

Specific information
- Stainless steel AISI 304 (1.4301)
- IP67 (cable gland), IP 69K (M12)
- Compact design

AFI4
- Short version
- Long version

AFI5
- Split version


For more information about our CombiSeries visit www.baumer.com/CombiSeries or ask our experts.

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